

19990303.qrp v01_n384.qrl.990303

Date: Wed, 3 Mar 1999 19:04:19 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1384

QRP-L Digest 1384

Topics covered in this issue include:

- 1) [34619] FIRE BALL-40??
by RangerSF5@aol.com
- 2) [34620] Re: dan's small parts..
by Steve <smann@advi.net>
- 3) [34621] pieces parts
by "Thaire Bryant" <tbry37@ici.net>
- 4) [34622] RE: FS A FEW ODDS AND ENDS
by DONALD DORN <DDORN@CWIS.NET>
- 5) [34623] re: SST LIVES
by ntan <ntan@crosslink.net>
- 6) [34624] FOX: Last Fox of the Season!!!
by k5zty@juno.com
- 7) [34625] First CW Contact
by "Ross S. Crossland" <rossgolf@flash.net>
- 8) [34626] Re: CW Contacts
by Wayne Alexander <walexan@ipa.net>
- 9) [34627] fox tonight?
by "Marshall Emm" <mgemm@mtechnologies.com>
- 10) [34628] hmm, can't hear fox in WA
by PUNISHER3@aol.com
- 11) [34629] Sockets ok for NC20?
by Mont Pierce <montp@synacom.com>
- 12) [34630] Linux
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 13) [34631] Re: fox tonight?
by Joe <w0joe@tabby.cooldude.com>
- 14) [34632] Re: fox tonight?
by "John J. McDonough" <jjmcd@tm.net>
- 15) [34633] Re: fox tonight?
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 16) [34634] Re: fox tonight?
by Roy <marion@montana.com>
- 17) [34635] Encouragement
by "Roger Lynn" <rlynn@cyberport.net>
- 18) [34636] Fox
by Fred J Kalt <w2xn@juno.com>
- 19) [34637] Re: fox tonight?

- by Bob Hightower <ki7mn@extremezone.com>
- 20) [34638] Re: CW Contacts
by wa8rxi@juno.com
- 21) [34639] Re: fox tonight? (YES!)
by Joe Gervais <vole@primenet.com>
- 22) [34640] Re: fox tonight?
by "Gary Evans" <gevans@lightspeed.net>
- 23) [34641] Fox Pelt on the Wall
by "Marshall Emm" <mgemm@mtechnologies.com>
- 24) [34642] N/T+ Fox tonight
by applitech@mcg.net (Claton Cadmus)
- 25) [34643] Re: fox tonight?
by Elekktron1@aol.com
- 26) [34644] Fox correction already
by "Marshall Emm" <mgemm@mtechnologies.com>
- 27) [34645] Going totally QRP--brand new rig for sale
by sda <sda@bellsouth.net>
- 28) [34646] Fox in CA
by "Andreas Junge" <andreas@atltech.com>
- 29) [34647] Re: K-2 ATU
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 30) [34648] Argh! I fried my NW40!
by "Frank Grigaliunas" <fgrig@iea.com>
- 31) [34649] Searchin`
by "Andy" <andy@gm0nwi.freemove.co.uk>
- 32) [34650] Re: CW Contacts
by Bob Edwards <w4ed@flash.net>
- 33) [34651] N/T+ Fox tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 34) [34652] Two FOX Pelts tonight :-).
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 35) [34653] Re: fox tonight?
by wa8rxi@juno.com
- 36) [34654] Canadian fox
by Paul Erickson <paule@sfu.ca>
- 37) [34655] Canadian fox II prelim log
by Paul Erickson <paule@sfu.ca>
- 38) [34656] Describe 40 Mw?
by "Steve/n0tu" <n0tu@webaccess.net>
- 39) [34657] Re: 100 mW to 1W
by Ken Newman <N2CQ@citnet.com> (by way of Ken Newman <N2CQ@Citnet.com>)
- 40) [34658] Re: Argh! I fried my NW40!
by Paul Harden <pharden@aoc.nrao.edu>
- 41) [34659] Iowa QRP Club group buy reminder
by "John Burnley" <burnley-ia@worldnet.att.net>
- 42) [34660] Pssst... Hey buddy, wanna QRP rig?
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 43) [34661] Broadcast station use of folded unipoles

by "Al Gritzmacher" <ae2t@bigfoot.com>
44) [34662] Re: QRP-L digest 1377
by dave.g0dja@psilink.co.uk (Dave Ackrill)
45) [34663] First CW Contact
by "Francis Callahan" <colcal@srv.net>
46) [34664] Re: CW Contacts
by Chris Cartwright <ccart@dns.vidtel.com>
47) [34665] Re: Canadian fox
by Tom Palmer <n1tp@worldnet.att.net>
48) [34666] Re: Broadcast station use of folded unipoles
by "dor" <elbc@pivot.net>
49) [34667] Wire/Rope Antennas....The Last days of wa5cvm/1
by hamjoel@juno.com
50) [34668] Re: NorCal 20 Kits
by dave.g0dja@psilink.co.uk (Dave Ackrill)
51) [34669] First CW
by Joe <w0joe@tabby.cool dude.com>
52) [34670] Re: CW Contacts
by Macstein@aol.com
53) [34671] Re: How about QRP-L QSO party?
by Scott Howell <whowell@hq.nasa.gov>
54) [34672] Re: CW Contacts
by Scott Howell <whowell@hq.nasa.gov>
55) [34673] RE: CW Contacts
by "David Burniston" <davidgb@nortelnetworks.com>
56) [34674] RE: Solar Charge Controller \$20
by Ronald McConnell <rcmcc@lucent.com>
57) [34675] FIRST Contact
by Bruce Rattray <rattray@gpfn.sk.ca>
58) [34676] Fox: Poor conditions
by "Edward A Kwik jr" <eakwikjr@hti.com>
59) [34677] Re: Sockets ok for NC20?
by "Mike Yetsko" <myetsko@insydesw.com>
60) [34678] 10-Turn Pots Sold
by Sonny Haumesser <sphaumesser@netzero.net>
61) [34679] AR-QRP 40 m net tonight
by Robsparks@aol.com
62) [34680] Re: Sockets ok for NC20?
by Bill Jones <kd7s@psnw.com>
63) [34681] FW: CW Contacts
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
64) [34682] Re: Backpacking Rig Battery/charging inquiry
by "Mike Yetsko" <myetsko@insydesw.com>
65) [34683] Re: CQC Winter QSO Party
by CQCL@aol.com
66) [34684] Re: Backpacking Rig Battery/charging inquiry
by Bruce Muscolino <w6toy@erols.com>
67) [34685] Circad - WIN95 clipboard question

by David Shalita <af389@lafn.org>
68) [34686] Re: AF Amplifier Built! (LONG)
by "Dan Tayloe" <Dan_Tayloe-P26412@email.mot.com>
69) [34687] Ham Shack Completed
by Jerry Haigwood <w5jh@swlink.net>
70) [34688] Re: [azqrp] Ham Shack Completed
by Brian Kassel <bkassel@dancris.com>
71) [34689] Re: CW Contacts
by Vic Rosenthal <rakefet@rakefet.com>
72) [34690] RE: Paddles
by "Arthur G. Silvers" <ags@ieee.org>
73) [34691] Re: Describe 40 Mw?
by Michael Neverdosky <MichaelN@cycat.com>
74) [34692] FS: QRP SSB/CW/AM Milspec
by afpgreg@state.me.us (Paul V. Gregory)
75) [34693] LogConv and QSL Maker
by "Al Gritzmacher" <ae2t@bigfoot.com>
76) [34694] First CW Contact
by Fred J Kalt <w2xn@juno.com>
77) [34695] Re: Circad - WIN95 clipboard question
by applitech@mcg.net (Claton Cadmus)
78) [34696] Remembrances of that First CW QSO...almost
by Allan G Taylor <k7gt@arrl.net>
79) [34697] FYBO: Help, W8HP (MI QRP MultiOp) - Last Attempt
by Joe Gervais <vole@primenet.com>
80) [34698] Worldradio on-line Address update.
by Ed Loranger <we6w@qsl.net>
81) [34699] New A-1 op! & SLMachCo case for NC20
by Gary L Surrency <gsurrency@juno.com>
82) [34700] Re: CQC Winter QSO Party
by Bob Hightower <ki7mn@extremezone.com>
83) [34701] looking for the following
by Scott Howell <showell@hq.nasa.gov>
84) [34702] Thanks...and a few thoughts on upgrading
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
85) [34703] first QSO
by "Mark Paley" <mpaley@wcnet.org>
86) [34704] WSN-40 Net
by Ed Loranger <we6w@qsl.net>
87) [34705] tube ID
by "William H. Hays" <wj5o@juno.com>
88) [34706] HF Radio in the Third Millennium -- Don't read if you get upset
easily!
by "Bob Follett" <bfollett@ditell.com>
89) [34707] [Fwd: HF Radio in the Third Millennium -- Don't read if you get upset
easily!]
by John Evans - N0HJ <jaevans@codenet.net>
90) [34708] Mobile home "INVISIBLE" antenna?

- by Ed Loranger <we6w@qsl.net>
- 91) [34709] something to read rcvr freq
by Scott Howell <whowell@hq.nasa.gov>
- 92) [34710] Re: Fox: Poor conditions
by Tom Palmer <n1tp@worldnet.att.net>
- 93) [34711] Re: Fox: Poor conditions
by Tom Palmer <n1tp@worldnet.att.net>
- 94) [34712] Re: Fox: Poor conditions
by Tom Palmer <n1tp@worldnet.att.net>
- 95) [34713] Re: Mobile home "INVISIBLE" antenna?
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 96) [34714] Re: something to read rcvr freq
by "Mike Yetsko" <myetsko@insydesw.com>
- 97) [34715] Solar Power web sites: Battery charging
by Ronald McConnell <rcmcc@lucent.com>
- 98) [34716] Re: Mobile home "INVISIBLE" antenna?
by David Fouchey <dafouche@jax-inter.net>
- 99) [34717] Re: Mobile home "INVISIBLE" antenna?
by Chris Cartwright <ccart@dns.vidtel.com>
- 100) [34718] Re: Mobile home "INVISIBLE" antenna?
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 101) [34719] Re: something to read rcvr freq
by David Fouchey <dafouche@jax-inter.net>
- 102) [34720] Re: Pssst... Hey buddy, wanna QRP rig?
by K2UD@aol.com
- 103) [34721] My first QSO (cw)..40 mtrs w/WA5QVP
by "E. Andrews" <earlve3ab@igs.net>
- 104) [34722] Re: Mobile home "INVISIBLE" antenna?
by Ed Loranger <we6w@qsl.net>
- 105) [34723] Re: Mobile home "INVISIBLE" antenna?
by S LYON <sslyon@worldnet.att.net>
- 106) [34724] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 107) [34725] FS Norcal K8FF Paddle
by "William Penhallegon" <w4stx@gte.net>

Date: Tue, 2 Mar 1999 18:58:21 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [34619] FIRE BALL-40??
Message-ID: <da3dcc55.36dc7b1d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang.
What happened to the fireball 40-M?
I haven't seen any postings about it for a while.
Well,
Except for the 1 WATT amp and maybe a matching RX.
Anyone break any records with the FB 40 yet?
Bob
WA2HOQrp <tm>

Date: Tue, 02 Mar 1999 19:15:20 -0500
From: Steve <smann@advi.net>
To: sruiz@bright.net
Cc: qrp-1@lehigh.edu
Subject: [34620] Re: dan's small parts..
Message-ID: <36DC7F18.62A9@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sergio wrote:

>
> has anyone ordered anything from this company?>
> their prices look really good, but i was wondering what the scoop was..

I've ordered twice paying by personal check and received the parts in about 8 days from the date that I mailed the order! Fast service. No complaints.

Steve N4EY
Toast, NC

Date: Tue, 2 Mar 1999 19:26:26 -0500
From: "Thaire Bryant" <tbry37@ici.net>
To: <qrp-1@lehigh.edu>
Subject: [34621] pieces parts
Message-ID: <199903030018.TAA12478@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A quick note...Worked late on my NC20 and stupidly put a cap in backwards (now I know why they call them "CAPS"). Mouser to

the rescue... (www.mouser.com) got the cap I needed plus a few other bits over nighted for a reasonable sum (I know that "reasonable" is relative).

Thaire W2APF

Date: Tue, 02 Mar 1999 18:28:31 -0600
From: DONALD DORN <DDORN@CWIS.NET>
To: QRP-L@LEHIGH.EDU
Subject: [34622] RE: FS A FEW ODDS AND ENDS
Message-ID: <36DC822F.7D73@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Everything is sold except the converted CB radio. Things don't last long on this list.

73, Don K5AAR

Date: Tue, 02 Mar 1999 19:49:34 -0500
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [34623] re: SST LIVES
Message-ID: <36DC8718.A20D7922@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nathan, KB0NWV

Hey, great going. Its kinda fun experimenting like that. Sometimes you get bad results, sometimes you get good results. Its a wonderful way to learn radios. Now that you've got the SST kit under your belt, if you are like me, you'll find that building your own gear becomes addictive. If you ask me, I'd say that you're on your way to really enjoying the hobby.....and if you thought seeing the output was cool, wait till you make your first qso with the rig that you built!!! Keep it up, om.
72 es keep it LOW Neil WA4CHQrp

Date: Tue, 2 Mar 1999 18:47:46 -0600
From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [34624] FOX: Last Fox of the Season!!!
Message-ID: <19990302.184748.6726.0.k5zty@juno.com>

Tally Ho Ya'll,

Well It has come down to the last fox of the season. Thursday 8:00pm cst local time, 02:00utc Friday, I will be your last chance to bag a furry one this year. It's been a great chase and I hope to make Thursday night a fitting end to the season by working every one that calls me.

I will come on at 02:00 zulu somewhere between 7.041 and 7.043mhz where ever I can find a hole. I will be using an OHR-400 into a C4-S yagi at 44'. I will use the RIT to pull some off of the edge of the pile as well as getting them out of the middle. So don't give up. I'll be there for 2 hours.

72 and Good Luck,

K5ZTY, TX, BILL, NR473

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 02 Mar 1999 19:02:41 -0600
From: "Ross S. Crossland" <rossgolf@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [34625] First CW Contact
Message-ID: <36DC8A31.98D@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What a coincidence!

I was looking through some old, old papers and found the log book for my first CW contact, as a novice in 1963.

Just for fun, I punched his call sign into Buckmaster's and found that he had located to a new area but was still a ham.

Better still, Buckamster's listed an e-mail address, and we have exchanged a couple of great e-mails catching up on 36 years.

Ross
W5NV

Date: Tue, 02 Mar 1999 19:02:49 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [34626] Re: CW Contacts
Message-ID: <199903030103.TAA28705@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I remember my first CW contact Very well. 02-04-95 0315Z freq 3715.00=20
Never will forget.Still talk the old(young)man.

>Hi gang,

> How many of you remember your first cw contact ?

=20

73,
N=D8EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Tue, 2 Mar 1999 18:26:10 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [34627] fox tonight?
Message-ID: <199903030125.SAA09563@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Is there one?

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Tue, 2 Mar 1999 20:32:07 EST

From: PUNISHER3@aol.com

To: qrp-1@lehigh.edu

Subject: [34628] hmm, can't hear fox in WA

Message-ID: <61da7cb0.36dc9117@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Well, i've been listening for a little bit, but can't seem to hear the fox tonight. Maybe the condx will get better later.

73/72,

Ben

NW7DX

Redmond, Wa (near Seattle)

Date: Tue, 02 Mar 1999 17:44:43 -0800

From: Mont Pierce <montp@synacom.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [34629] Sockets ok for NC20?

Message-ID: <36DC940B.2A583F78@synacom.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Would it hurt anything to use sockets on all the chips

on the NC20?

Tnx,
km6wt

Date: Tue, 02 Mar 1999 21:45:14 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [34630] Linux
Message-ID: <36DCA239.4150F539@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to everyone who answered my post about mounting the DOS drive to Linux.

Did as suggested and (after a little tinkering) everything is fine now.

Henry

Date: Tue, 2 Mar 1999 19:49:17 -0600 (CST)
From: Joe <w0joe@tabby.cool dude.com>
To: Marshall Emm <mgemm@mtechnologies.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34631] Re: fox tonight?
Message-ID: <Pine.LNX.4.05.9903021946540.11760-1000000@tabby.cool dude.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Mar 1999, Marshall Emm wrote:

> Is there one?

I've been listening since 0100z off and on. None heard here. Band sounds a little ragged. I should be ready for the N/T+ fox later should he appear.

Date: Tue, 2 Mar 1999 20:47:20 -0500
From: "John J. McDonough" <jjmcd@tm.net>

To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34632] Re: fox tonight?
Message-ID: <00c601be6517\$cbe22040\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

he sent out two warnings, but I hear nothing

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Marshall Emm <mgemm@mtechnologies.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, March 02, 1999 8:43 PM
Subject: fox tonight?

Is there one?

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Wed, 3 Mar 1999 01:57:07 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <mgemm@mtechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34633] Re: fox tonight?
Message-ID: <004001be6519\$2581bd80\$cb42b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I certainly hope so, Marshall! I do hope its not a 'no show'! Gotta have a fox fix.

de Steve, W8SFF (collector of Mars paddles)

Date: Tue, 02 Mar 1999 18:54:51 -0700
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [34634] Re: fox tonight?
Message-ID: <199903030200.TAA04629@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:26 PM 3/2/99 -0600, you wrote:

>Is there one?

>

>

>73

>Marshall Emm

Yup, bagged him. Roy AB7CE, MT

Date: Tue, 2 Mar 1999 18:57:52 -0700
From: "Roger Lynn" <rlynn@cyberport.net>
To: "QRP-L@Lehigh.edu" <qrp-1@lehigh.edu>
Subject: [34635] Encouragement
Message-ID: <000101be6519\$7512b2a0\$5f79a8d0@rlynn>

To: List Members.

Thanks for the encouragement that many of you expressed regarding my endeavor to learn code. Also, in my post regarding the Xerox info, I used the acronym "SWL" it should have read SWR.

Roger Lynn

Date: Tue, 2 Mar 1999 21:00:12 -0500

From: Fred J Kalt <w2xn@juno.com>
To: qrp-1@lehigh.edu
Subject: [34636] Fox
Message-ID: <19990302.210013.-763297.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gosh, is it noisy here in Lakeland, FL. Got about S-8 to S-9 noise.
Sure hope the fox has very good ears and can hear me. Even if he does,
I might not hear him.

fred w2xn

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 02 Mar 1999 19:16:30 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: jjmcd@tm.net
Cc: qrp-1@lehigh.edu
Subject: [34637] Re: fox tonight?
Message-ID: <199903030214.TAA19977@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:47 PM 3/2/99 -0500, you wrote:
>he sent out two warnings, but I hear nothing
>
>72/73 de WB8RCR <http://users.tm.net/jjmcd/>
>didileydadidah QRP-L #1446 Code Warriors #35
>

>-----Original Message-----

>From: Marshall Emm <mgemm@mtechnologies.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Date: Tuesday, March 02, 1999 8:43 PM
>Subject: fox tonight?

>

>

>Is there one?

>

>

He's out there, just down in the mud.

72,73

Bob Hightower KI7MN Chandler, AZ DM43BI

<http://www.extremezone.com/~ki7mn>

Date: Tue, 2 Mar 1999 21:15:48 -0500
From: wa8rxi@juno.com
To: w2xn@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [34638] Re: CW Contacts
Message-ID: <19990302.211552.-375913.3.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Tue, 2 Mar 1999 18:47:24 -0500 Fred J Kalt <w2xn@juno.com> writes:

>Hi gang,

>

>I have been reading the threads about cw and a couple people

>upgrading. I just thought I would throw this out:

>

> How many of you remember your first cw contact ?

=====

Fred,

Thanks for asking.

Yes, I remember my first CW contact . It was on 25-Sept-1965 at 0121Z
with Ron, K2OVF. I was using an EICO 753 with a 7.150 Xtal and a
Hallicrafters S-53 RCVR.

Back then the Novice 40M Band was 7.150 to 7.200 and I got a pink slip
for operation at 7.149.5.

Won't mention the 00's call ... HI

The QSO with Ron was most memorable, and to a greater degree with the
Citation!

72, Rick - WA8RXI Taylor, MI.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 19:20:23 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34639] Re: fox tonight? (YES!)
Message-ID: <199903030220.TAA11734@usr01.primenet.com>

Howdy Folks,

The BC Fox is indeed on the run tonight! Turned on my Sierra at around 0120Z and found him calling CQ, begging for Hounds to take a bite. Naturally I obliged. :-)
Condx were rough though. Lots of QRN.

So pick up that scent and go! Then go chase the N/T+ Fox higher up the band too. :) Good luck!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Moof!" - Clarus the DogCow

Date: Tue, 2 Mar 1999 18:20:09 -0800
From: "Gary Evans" <gevans@lightspeed.net>
To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34640] Re: fox tonight?
Message-ID: <00d001be651c\$5d39a0a0\$bb46d8cc@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fox is loud and clear in central Calif.

-----Original Message-----

From: Roy <marion@montana.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, March 02, 1999 6:16 PM
Subject: Re: fox tonight?

>At 06:26 PM 3/2/99 -0600, you wrote:

>>Is there one?

>>

>>

>>73
>>Marshall Emm
> Yup, bagged him. Roy AB7CE, MT
>

Date: Tue, 2 Mar 1999 19:36:46 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [34641] Fox Pelt on the Wall
Message-ID: <199903030236.TAA12316@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Got him-- really odd cndx, but got him on the first call at 0130. Could barely tell he was there at all on the GAP so switched to the dipole, sounded the same, but then he qsb'd right up to a solid S3 [g]. Forgot to retune the antenna tuner so worked him with about 3.5W.

Phew! One to go.

Nice work, Paul. And thanks to everybody who let me know he was on.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 2 Mar 1999 20:38:47 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [34642] N/T+ Fox tonight
Message-ID: <023601be651f\$2794b040\$a10a5e2c@groucho>

I can barely hear a couple signals in the mud, the noise is really bad tonight. Doc I think I heard you calling me again but your signal really

dropped off, probably lucky we made contact at all. Anyway that's it for tonight. Hopefully Thursday conditions will be improved. Thanks to those that tried for me, hope to get you later.

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Tue, 2 Mar 1999 21:29:08 EST

From: Elekktron1@aol.com

To: marion@montana.com, qrp-1@Lehigh.EDU

Subject: [34643] Re: fox tonight?

Message-ID: <a31c377b.36dc9e74@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Yup again. Also worked him 2:01Z. He was a bit hard to hear...QRN from static crashes nearly 10 over. Keep trying!de KK5WL TX

Date: Tue, 2 Mar 1999 19:46:11 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@lehigh.edu

Subject: [34644] Fox correction already

Message-ID: <199903030245.TAA12644@edison.chisp.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Worked him at 0230, not 0130-- slip of the digits.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>
(303)752-3382

--

Date: Tue, 02 Mar 1999 20:47:01 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@lehigh.edu
Subject: [34645] Going totally QRP--brand new rig for sale
Message-ID: <199903030246.VAA07298@mail2.lig>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's a long story, but here goes. I got a Yaesu 920 in January. It was defective so I sent it back to HRO. They sent another one, and 1 month later it went defective. So I said, "no more Yaesu". HRO had me send it back to Yaesu, and gave me \$1450 credit. Salesman talked me into getting a ICOM IC-706MKII + AH-4 auto ant. tuner and 500Hz CW filter. Received it Monday. It is a beautiful little rig w/ DSP and detachable face. Does HF + 6m + 2m. Haven't even opened the tuner, or installed the filter because I am going to sell it to some lucky soul for \$1150. You see, in the midst of all this, I have built a NC40a, and have a pixie 2, norcal 20 (next on the bench), a 38 special on the way, 2 rainbow tuners. I am going totally QRP. No more commercial rigs. Tom, AC5JH is probably reading this, shaking his head, but I just have to do it. Gotta have a K2. So, if anyone on this list is interested, I will sell the brand new in the box, (turned on for 30 minutes to test it out) ICOM IC-706MKII with the AH-4 auto-antenna tuner, 500Hz CW filter. Have all papers, packing, warranty, etc. Paid \$1450 for everything, will ship to you in the same box HRO sent it to me in, for \$1150 shipping included. I figure if I return it to HRO (you have ten days i think) I'll get hit with %15 restocking fee anyway, so I figured I'd put it on the list. Email me if interested.

Peace and 72/73,

Todd Atkins, K4MSW

<http://www.qsl.net/k4msw>

Date: Tue, 2 Mar 1999 18:52:34 -0800

From: "Andreas Junge" <andreas@atltech.com>
To: qrp-1@Lehigh.EDU
Subject: [34646] Fox in CA
Message-ID: <000101be6520\$e3be4910\$08d256ce@andreasp.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just bagged him. He was 559 in the SF Bay area.

73,

Andreas, N6NU
Menlo Park, CA

Date: Tue, 02 Mar 1999 19:09:36 -0800
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: dave_epps@juno.com
Cc: QRP-L <qrp-1@lehigh.edu>
Subject: [34647] Re: K-2 ATU
Message-ID: <36DCA7F0.A77613BB@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dave,

We are still finishing up the ATU. It should ship shortly to our field Testers and I'm sure you will hear about it then. They haven't been very shy... :^)

72, Eric WA6HHQ

You Wrote:

Does anyone have the auto antenna tuner version.
That's what I ordered and haven't seen any comments on the atu.
 dave ab5pc fresno, ca.

Date: Tue, 2 Mar 1999 19:01:41 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [34648] Argh! I fried my NW40!
Message-ID: <199903030302.TAA01519@comtch.iew.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yesterday, I promised to tell you about my latest stupid endeavor, and I don't want to let you down.

I have my Emtech NW40 sitting on top of my antenna tuner, which is sitting on top of my Kenwood TS520S. That way, I can detach the tuner from one rig and attach it to the other as I switch between rigs.

The other night, I was tuning up the Kenwood when I suddenly realized that instead of having the tuner outlet hooked to the Kenwood antenna, I had the Kenwood antenna hooked to the NW40 antenna. Instead of going to the antenna or the dummy load, 100 watts of signal was going into the NW40!

It didn't take me long to figure out that something was wrong. The smoke tipped me off. In fact, Karen smelled it from the next room. I immediately opened up the NW40 and looked for crispy parts, but didn't see any. The finger test didn't reveal any hot spots either.

I hooked the antenna up properly to the NW40, and it still received reasonably well. I called CQ and caught a fellow in Texas. We both had poor signal reports, but that could be propagation problems as much as anything else. Otherwise, there seems to be no damage.

So, what do you think? The darned thing looked like somebody was smoking cigarettes in it when I took the cover off, but it doesn't seem to be harmed. Is there something gone awry that I'm too dense to notice?

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iew.com --*-- (509) 326-7147 --*-- <http://www.iew.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Wed, 3 Mar 1999 02:58:47 -0000
From: "Andy" <andy@gm0nwi.freemove.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [34649] Searchin'
Message-ID: <000101be6521\$c3566da0\$b781883e@andy>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys

wanted to post this on the list as another "add-on" to a previous posting i made tonight.

Earlier i posted a mail, asking for anyone who might have or know the whereabouts of a replacement front panel for a Heathkit HW8. As yet only one gentlemen responded, but its early days yet, so come on if ur reading this e-mail give me ur thoughts.....

The gentlement in question suggested that i ask u guys if u anyone knew of a URL address where i could find a company that would send me replacement FULL words decals for the panel when it is resprayed.

Does anyone out there in Europe or North America know of such a company and their details,. and would anyone care to help me get the said decals from their respective seller. I am a physically handicapped ham, confined to a wheelchair, not an excuse i know, as such, but still i do experience extreme difficulties getting around to purchase things even in the most simplest terms.

Would be greatful if ANYONE could come up with a constructive answer to help me find either the Web URL or the company details.

Thankyou again guys for ur most valued help

72 de Andy GM0NWI Long Live QRP !! andy@gm0nwi.freeserve.co.uk

Date: Tue, 02 Mar 1999 22:25:32 -0500
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34650] Re: CW Contacts
Message-ID: <36DCABAC.5018612B@flash.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> How many of you remember your first cw contact ?
> =====

That was a long time ago, and many many miles.

This I remember, as WN8CRT, 1961 :

Tx was home-brew xtal self oscillating single tube 6146 for 40/80 mtr.
Rx was a borrowed Arc-5.
Ant was a dipole (untuned), no ATU.

First QSO was difficult, 25 miles away, which triggered my learning and appreciation of SWR. As a teenager, I was not, at first, impressed with SWR theory, until my stink'n antenna didn't work ! Once I had a Heathkit SWR bridge in line, and tuned the dipole, I was off & running. Spent some time in the W9AB radio club, which was before vanity calls.

--

Bob 72/73	/
Z'# 114	/
http://www.qsl.net/w4ed	/ \
W4ED nr Atlanta @EM73wt	/ / E \
...."QRP", more from less....	/_ /_--- _-\
	[\---===== -/

Date: Tue, 2 Mar 1999 23:21:02 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:applitech@mcg.net" <applitech@mcg.net>
Cc: QRP-L Discussion Group <QRP-L@Lehigh.edu>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [34651] N/T+ Fox tonight
Message-ID: <199903022324_MC2-6C77-4557@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Cla:

Many thanks for the QSO. Been hoping all season to bag you, but tonight

was really the first solid chance for me. Used a full 5 watts from an OHR400 for the QSO. Then dropped power to 500 mw, and that was what you heard (almost!). Conditions were very QRN/QSB here, but you had another terrific run.

Will be looking for one of these special QSL cards :-). Thanks again for taking the plunge and being a FB FOX this season. Has made it great for all of us to have you on board. GL as you get ready to upgrade.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Tue, 2 Mar 1999 23:21:04 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [34652] Two FOX Pelts tonight :-).
Message-ID: <199903022324_MC2-6C77-4558@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Well it sure is easier to send code with a good key. The RS pushbutton switch got the job done twice last week, but tonight it was back to the Schurr Profi/CMOS-II. Better, for sure <VBG>.

Anyway, joy of joys, managed to bag both FOXes. This is the first time I have been able to work Cla, and man is he ever making great progress. Way to go, Cla.

Bagged Paul with 970 milliwatts into the standard TNT/2 Windom up 33 feet. Rig was an SW-40 (Elmer) and it performed FB. Had decided this would be the rig for the evening, no matter what. At first I thought, wow, this may not get it done under rough conditions at the start of the hunt.

But Paul's signal gradually came up, and for the last hour or so he was peaking at 579/QSB. Took a shot, and he came back. Needed a fill, but Paul got the job done. Great ears as always, Paul :-).

This has been a great season, and I hope everyone had lots of fun. Really hate to see the season end....but here's already planning toward next year.

Let's all go out there Thursday evening for Bill K5ZTY and Cla KA0GKC.
Good luck.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Tue, 2 Mar 1999 22:09:33 -0500
From: wa8rxi@juno.com
To: mgemm@mtechnologies.com
Cc: qrp-1@Lehigh.EDU
Subject: [34653] Re: fox tonight?
Message-ID: <19990302.233230.-124079.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nothing heard, until approx. 02:40.
Band condx were BAD News.
Just listened, for quite some time to get a feel for
where to set my XMT Freq.
NOT on Pauls, but where someone Higher in Freq
had previously worked him.
Heard a lotta guys calling in the blind and QRM from
non-fox hunters.
At approx 02:53 Pauls signal came up (where I had SOLID Copy).
Just enough to snare him...

Thanks Paul es QRP gang
Rick - WA8RXI Taylor, MI.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 20:38:42 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Subject: [34654] Canadian fox
Message-ID: <199903030438.UAA18627@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well guys and gals... sorry about that. Don't know what conditions were like on your end, but they were pretty poor up here. There are 60 q's in the log this time, including dupes. Will post the preliminary log a little later.

Paul???? Did I offend you in some way???-)

QRN was heavy and crashing. I would get part of a call, and then it would disappear. Had to turn the agc off which helped a lot, but couldn't make up for the atmospheric problems. Anyone see any propagation numbers?

More later... this pup is pooped.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Tue, 2 Mar 1999 20:56:40 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Subject: [34655] Canadian fox II prelim log
Message-ID: <199903030456.UAA23047@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi there,

Well, here it is, typos and all. Have to check my notes on a couple of them. Will post the final first log in a couple of days. My editing capabilities are pretty crude.

Again, thanks to all who hung in there. It was a rough night.

cheers, Paul VE7CQK/email: paule@sfu.ca

1999 General QSOs VE7CQK

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Pts
----	----	----	----	-----		----	----	----	---	---
40CW	03-Mar-99	01:01	1	KU7Y	*	599	599	RON 17	NV	1
40CW	03-Mar-99	01:01	2	K2VCO	*	559	579	VIC 725	CA	1
40CW	03-Mar-99	01:03	3	AB7CE	*	559	599	ROY 4W	MT	1
40CW	03-Mar-99	01:03	4	NQ7X	*	569	559	FLOYD 343	AZ	1
40CW	03-Mar-99	01:04	5	KB7WW	*	569	579	ART 219	OR	1
40CW	03-Mar-99	01:05	6	N5TW	*	559	559	TOM 1474	TX	1
40CW	03-Mar-99	01:06	7	VE6EWM	*	559	559	EARL 1076	AB	1
40CW	03-Mar-99	01:06	8	KI7MN	*	559	449	BOB 271	AZ	1
40CW	03-Mar-99	01:07	9	K7TQ	*	559	579	RANDY 102	ID	1
40CW	03-Mar-99	01:12	10	W5HNS	*	559	559	HENRY 178	TX	1
40CW	03-Mar-99	01:19	11	AB7TT	*	559	559	JOE 191	AZ	1
40CW	03-Mar-99	01:21	12	KK7GG	*	559	559	MIKE 1705	OR	1
40CW	03-Mar-99	01:22	13	AK7Y	*	559	559	GREG 1693	AZ	1
40CW	03-Mar-99	01:23	14	K0EVZ	*	559	559	DOC 861	ND	1
40CW	03-Mar-99	01:24	15	AB5UA	*	599	339	CLIF 478	OK	1
40CW	03-Mar-99	01:27	16	KA4BMK	*	559	549	JIM 5W	FL	1
40CW	03-Mar-99	01:30	17	W5HNS	*	559	559	HENRY 178	TX	0
40CW	03-Mar-99	01:34	18	K4IMA		539	549	PETE 4W	KY	1
40CW	03-Mar-99	01:35	19	K5ZTY	*	559	559	BILL 473	TX	1
40CW	03-Mar-99	01:41	20	K4IMA		559	549	PETE 4W	KY	0
40CW	03-Mar-99	01:42	21	W5SB	*	559	599	BILL 1279	TX	1
40CW	03-Mar-99	01:44	22	KK5LD	*	559	559	DAN 5W	TX	1
40CW	03-Mar-99	01:45	23	KI0II	*	559	559	RON 928	CO	1
40CW	03-Mar-99	01:50	24	W5TB	*	559	559	DOC 673	TX	1
40CW	03-Mar-99	01:52	25	AA6R		559	559	GARY 406	CA	1
40CW	03-Mar-99	01:54	26	K1MG	*	559	599	MIKE 614	CA	1
40CW	03-Mar-99	01:55	27	WW7Y	*	559	559	STEVE 94	UT	1
40CW	03-Mar-99	01:57	28	K5OI	*	559	559	TIM 73	NM	1
40CW	03-Mar-99	01:58	29	AA5TA	*	559	339	LARRY 1245	TX	1
40CW	03-Mar-99	02:01	30	KK5WL	*	559	559	GARY 330	TX	1
40CW	03-Mar-99	02:04	31	K0EVZ	*	559	559	DOC 861	ND	0
40CW	03-Mar-99	02:06	32	VE5RC	*	559	119	BRUCE 886	SK	1
40CW	03-Mar-99	02:07	33	N0RN	*	559	579	BOB 1789	CO	1
40CW	03-Mar-99	02:09	34	KK3T		559	569	VERN 2W	PA	1
40CW	03-Mar-99	02:13	35	W0AW	*	559	559	PAUL 123	CO	1
40CW	03-Mar-99	02:15	36	W7UQ		539	559	JOE 1W	ID	1
40CW	03-Mar-99	02:18	37	WJ7H		559	559	WAYNE 481	UT	1

40CW	03-Mar-99	02:21	38	N1TP	*	539	559	TOM 1317	FL	1
40CW	03-Mar-99	02:23	39	KA5T	*	559	449	LARRY 89	TX	1
40CW	03-Mar-99	02:25	40	AB8DF	*	539	559	ED 1444	MI	1
40CW	03-Mar-99	02:29	41	W0JOE		539	229	JOE 1901	MO	1
40CW	03-Mar-99	02:30	42	N5LU	*	559	559	BILL 5W	OK	1
40CW	03-Mar-99	02:30	43	N1FN	*	549	559	MARSHALL 153CO		1
40CW	03-Mar-99	02:33	44	W0TCH		549	449	DAVE 618	MO	1
40CW	03-Mar-99	02:34	45	W0RSP	*	549	459	ADE 661	SD	1
40CW	03-Mar-99	02:38	46	N0DSP		599	449	TOM 1587	CO	1
40CW	03-Mar-99	02:41	47	W8SFF	*	599	559	STEVE 1288	MI	1
40CW	03-Mar-99	02:41	48	WA9PWP	*	559	549	PAUL 127	WI	1
40CW	03-Mar-99	02:43	49	KQ7Y		559	559	GARY		1
40CW	03-Mar-99	02:44	50	N4ROA	*	559	449	DAN 970	VA	1

1999 General QSOs VE7CQK

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Pts
----	----	----	----	-----		----	----	----	----	----
40CW	03-Mar-99	02:46	51	VE2KN	*	549	559	KEN 103	QC	1
40CW	03-Mar-99	02:47	52	KQ5U	*	559	559	TERRY 1603	TX	1
40CW	03-Mar-99	02:48	53	AB7MY	*	559	559	GARY 571	AZ	1
40CW	03-Mar-99	02:49	54	N6NU		549	559	ANDY 1516	CA	1
40CW	03-Mar-99	02:53	55	WA8RXI	*	549	339	RICK 1368	MI	1
40CW	03-Mar-99	02:54	56	K10J	*	559	559	OJ 732	TX	1
40CW	03-Mar-99	02:55	57	AB5WX	*	549	229	Dave 1718	TX	1
40CW	03-Mar-99	02:56	58	N0AR	*	549	559	SCOTT 1455	MN	1
40CW	03-Mar-99	02:58	59	WS8D		559	339	MIKE 1188	MI	1
40CW	03-Mar-99	03:00	60	VE3JC	*	529	559	JOHN 744	ON	1

Date: Tue, 2 Mar 1999 21:55:42 -0700
 From: "Steve/n0tu" <n0tu@webaccess.net>
 To: "QRP-L" <QRP-L@lehigh.edu>
 Subject: [34656] Describe 40 Mw?
 Message-ID: <000201be6533\$7f70f800\$96a8a3cc@S&P.www.webaccess.net>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Today in the mail I got Jim Hale's QSL (KJ5TF/QRPp) for one incredible QSO! I heard and worked Jim one morning while mobiling to work. I was

using my Argosy @ 4w w/home brew bug catcher on the roof of my car. When I first heard Jim, I said to myself "hey that's got to be a QRPer" ..kinda weak and QSB was making him even weaker not to mention the QRN. After we made contact I thought I heard him say "Mw" Hmmm so I asked for a repeat "pwr?" Jim says "40 Milliwatts" I almost changed lanes without trying. WOW!

Later when I got to work I saw a ham friend who's always asking "...had any interesting QRP contacts lately?" I said "you won't believe this one!"

I also sometimes find myself trying to explain to non-hams what QRP is. I've heard others use the candle power concept. That is one candle = one watt. I'm not sure if this is accurate but it makes for a good story. But then how do you describe 40Mw?a wet match that just smokes and doesn't light? ...or ?

BTW, thanks for the QSO Jim. I'm hanging ur QSL on my show and tell wall! That was really way cool. I find myself listening and digging into the noise more for those weak sigs now. Sorry missed you in the CQC'test.

TU & 72/73 ...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Tue, 02 Mar 1999 23:36:12 -0500
From: Ken Newman <N2CQ@citnet.com> (by way of Ken Newman <N2CQ@Citnet.com>)
To: QRP-L@lehigh.edu
Subject: [34657] Re: 100 mW to 1W
Message-ID: <3.0.6.32.19990302233612.0084b5f0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Rob,

There is an amplifier kit to upgrade the Jersey Fireball xmtr to 1 watt or more. You would need the board and the amplifier bag 'o parts kit to boost the output. The amp is set up for 40 meters at the moment, but I understand it may be modified on 80 if pixie is on there. I have the Jersey Fireball, amplifier, and TiCK keyer on the same board, running about 1 watt in a International Coffee tin. If you have the chance, come along with the EPAQRP club guys going to the Meeting Sat the 6th at 9AM in Princeton. (Details / directions on the [HTTP://NJQRP.org](http://NJQRP.org) site).

Check the Fireball and Amp at: <http://www.njqrp.org/fireball40/index.html>

Any other info, you came to the right place, right here.

At 01:57 AM 3/2/99 -0500, you wrote:

>

>Does anyone know how to boost the knighrsmite power upto a watt .
>The knightsmite... really an SMT pixie puts out about 100 milliwatts
>from a 9volt battery
>and I want modify it to make at least a watt.

>Any ideas on this?

>72 Rob

>KB3BYT

>roomberg@ptd.net

>

>===== NJ QRP Club Mailing List =====

>To unsubscribe from this list, send email to listserver@vramp.net

>and put the text "unsubscribe njqrp" in the message. To post a

>message to the list, send email to njqrp@njqrp.org.

>

72/73 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~

<http://www.NJQRP.org>

~~~Club Callsign~~~

WQ2RP

Date: Tue, 2 Mar 1999 22:07:49 -0700 (MST)

From: Paul Harden <pharden@aoc.nrao.edu>

To: Frank Grigaliunas <fgrig@iea.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [34658] Re: Argh! I fried my NW40!

Message-ID: <Pine.SOL.3.91.990302215614.11498C-1000000@zia>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Frank,

In response to accidently squirting 100W into your NW40 and seeing

smoke, but it still works OK ... my guess is the windings on the output filter toroids got very hot and the smoke (and ash you found) was the enamel burning off. You might want to consider rewinding those toroids, as the wire may be very weak and could break from vibration or something - long down the line and you're sure to forget the weak wiring by then. Also, toroids can change their characteristics when they get hot. If you have the toroids, you may consider replacing them too ... although, this is not as important in the output filter as other frequency sensitive toroidal coils (since it's basically just a low pass filter and if the toroid inductance changed a bit, it would just skew the cutoff frequency a bit).

You might also want to check the traces on the board for some that got very hot and have lifted from the board. Those will break and cause you problems later too. Also, some of the "green" solder mask used on the EmTech (and other) PCB's might have gotten hot and boiled away in the form of smoke.

In short, you were VERY lucky, but we've all done something similar to that at one time or another. Give it a good going over from the PA transistor to the antenna, looking at the traces and toroid windings. That's where it likely got very hot.

GL and 72, Paul NA5N
Proud owner of a NW40 and unbuilt NW20*

*I ordered the NW20 and received it just before last year's PacifiCon. It has a nice handwritten note from Roy thanking me for the order and the help given him on the thump problem. I just don't have the nerve to build it yet. We all miss Roy, don't we?

Date: Tue, 2 Mar 1999 23:17:08 -0600
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>
Cc: <w0tok@email.msn.com>
Subject: [34659] Iowa QRP Club group buy reminder
Message-ID: <19990303052119.BDOY24698@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is just a reminder that the Iowa QRP Club group buy with Paul Washa books lasts until March 15, 1999. If you missed the original

post I'm repeating it in this message:

I hope you haven't spent all your cash from Santa. The Iowa QRP Club is pleased to announce another group buy from Paul Washa Books (W0TOK). Paul has several titles and options available. Paul has also agreed to extend this offer to QRP-L. Just remember to specify the Iowa QRP Club group purchase when contacting Paul. These prices reflect stateside shipping. Any DX orders should contact Paul first to see if he can accomodate them.

Here are the details:

ARRL 1999 Handbook without software \$27.00 delivered
ARRL Radio Designer Software \$135.00 delivered

Shipping charges apply to the following books and are calculated based on the order total. The order total will NOT include the 1999 handbook or Radio Designer Software as those are delivered (to you) prices.

| | |
|---------------------------------------|-----------------------|
| ARRL Antenna Compendium 1 | \$8.00 plus shipping |
| ARRL Antenna Compendium 2 | \$11.00 plus shipping |
| ARRL Antenna Compendium 3 | \$11.00 plus shipping |
| ARRL Antenna Compendium 4 | \$16.00 plus shipping |
| ARRL Antenna Compendium 5 | \$16.00 plus shipping |
| ARRL QRP Notebook (W1FB) | \$8.00 plus shipping |
| ARRL QRP Power | \$10.00 plus shipping |
| QRP Now! | \$14.00 plus shipping |
| ARRL Solid State Design | \$12.00 plus shipping |
| ARRL Intro To RF Design with software | \$23.00 plus shipping |
| ARRL Antenna Handbook with software | \$22.00 plus shipping |

Shipping charges (remember to exclude the 1999 handbook or the Radio Designer Software if ordered when calculating the order total).

| | |
|------------------|------------------|
| \$1-19.99 order | \$4.00 shipping |
| \$20-29.99 order | \$5.00 shipping |
| \$30-39.99 order | \$6.00 shipping |
| \$40-49.99 order | \$7.00 shipping |
| \$50-59.99 order | \$8.00 shipping |
| \$60 plus order | \$10.00 shipping |

How to order: You must contact Paul and specifically mention the Iowa QRP group purchase. You may contact Paul at: w0tok@email.msn.com or phone (612) 472-8991. His

address is:

Paul Washa (W0TOK)
4916 Three Points Boulevard
Mound, MN 55364-1245

He will accept checks or money orders (but no credit cards).
Do not contact me, but go directly to Paul. This group buy will
run until March 15, 1999 (to allow IAQRP members who are not online to read
about it in the next newsletter).

My thanks to Paul for extending this offer to the Iowa QRP Club and
QRP-L. The usual disclaimers apply: I have no financial interest in
Paul's business and am not receiving anything in return for getting this
deal together.

72/73, John NU0V

Date: Wed, 3 Mar 1999 00:49:45 -0500
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [34660] Pssst... Hey buddy, wanna QRP rig?
Message-ID: <001d01be6539\$d32c7540\$705502d1@ae2t>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I went to a local winter hamfest this weekend. You know one of those ones
during the winter that let us get a hamfest fix until the big ones start in
the spring. Most of the stuff on the tables look just like the stuff in my
shack that I didn't have time to pick up and drag along, so there wasn't
much I was interested in bringing home.

But it was fun to get out and meet the guys and chat. I had the pleasure of
running into Howard, K2UD there and we had to talk QRP for a bit. We were
talking about the NC20, which we both recently completed, and Howard said
"Have you ever seen an epiphyte?" and reached into a coat pocket and pulled
out a nicely done little rig with a beautiful vernier drive dial on it.

We got to talking about the cases for the NC20 and I said I wished I could
see one of the anodized aluminum cases that Doug Hauff makes, and Howard

opens his coat and pulls out a 38-Special in the black anodized case. It was just like the guys on the street corner selling watches from inside their coat! 8-)

So there we were, with Howard promoting QRP as he walked around the hamfest! That's a true QRPer! Howard and I go way back, so it was a pleasure to chat with him, but the unexpected pleasure of viewing those rigs was so neat, I had to share it!

72,

Al AE2T

Date: Wed, 3 Mar 1999 00:48:06 -0500
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [34661] Broadcast station use of folded unipoles
Message-ID: <001c01be6539\$d1706d60\$705502d1@ae2t>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<<<Moral: You just cannot beat a good ground plane with lots of radials for a vertical monopole (unless you are floating in salt water). Note that there are no 'folded monopoles' (to the best of my knowledge) used on commercial AM radio antennas. That should speak volumes about reality (or my ignorance of reality :-).>>>>

I just recently saw a talk given on an AM radio station. They use three folded unipoles in a phased array. The reasoning they gave for using that type of antenna was more to reduce the height of the towers needed (to reduce costs) than any suggestion that they were a better antenna. Their original licensing proposal was for three full-sized towers, but they switched to the folded unipoles in the final installation. One other benefit was that at half the height, they fell under the height limits for tower lighting and painting, saving another expense.

Incidentally, they were installed over a grid of mesh copper and several

hundred radials.

So AM broadcast stations do use them, but not because they are necessarily better performing antennas.

The station was WTOR in Youngstown NY, which is a daytime only station serving Toronto Ontario. The antennas are oriented to give a coverage pattern across Lake Ontario into Southern Ontario.

-- A1 AE2T

Date: Wed, 03 Mar 1999 10:21:28 -0800
From: dave.g@dja@psilink.co.uk (Dave Ackrill)
To: qrp-l@lehigh.edu
Subject: [34662] Re: QRP-L digest 1377
Message-ID: <E10I8jg-0001t7-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, my names not Steve, but here goes my 2 pennies worth.

>Could you please point out the specific item(s) you believe to be in
>error?
>
>Dana K6JQ

Certainly, please see below:-

>> > The increasing obsolescence of Morse code, for one.
>> > On Feb. 1 the International Maritime Organization officially phased out
>> > dots and dashes as a method of sea-going communication, making way for a
>> > more sophisticated satellite system. The IMO, a United Nations agency, now
>> > requires all passenger and cargo ships over 300 tons to carry the new
>> > equipment.

If this were so, why is a commercial organisation taking over the old 'Code' stations to operate a Morse code service for shipping? Perhaps the author would have been better spotting that there are still a lot of ships on the sea that are under 300 tons.

>> > It's been 150 years since American inventor Samuel Morse developed a way

>> > for people to "talk" to one another electronically through a system of
>> > long and short pulses.

Morse 'invented' a specific code. The idea of communicating using pulses of current predated Morse. The original systems used pointers to show which character was being sent.

>> >
>> > But Morse's system has its drawbacks. For one, radiotelegraphy has a
>> > limited range of 200 to 300 miles, Kohn says. It can be affected by the
>> > weather, and it requires trained telegraphers on both ends -- one to send
>> > the message and one to pick it up and translate it.

Just not true! Otherwise, how do 'we' communicate over thousands of miles, using Morse code, on the Amateur bands? Also, if it was cable telegraphy that was being referred to, how did the transatlantic telegraph links work? Do you imagine loads of Telegraphers sitting in diving bells every two hundred miles? :o)

In addition, even when telegraphy was fairly new, there were apparatus for automatic sending and receiving over both cable and wireless links.

>> > For instance, had the radio operator of the Californian been on duty when
>> > the Titanic called for help, hundreds more might have been saved, Kohn
>> > says. The Californian was only six miles from the sinking ship; it took
>> > the Carpathia nearly five hours to reach the scene.

This is a human failing, not the fault of the equipment, nor Morse code. The point, if relevant at all to the piece, should have been that automatic monitors nor compulsory 24 hour watches were not, then, in force.

>> > Morse code's replacement at sea, the Global Maritime Distress and Safety
>> > System, uses satellite technology to pinpoint a ship's location and relay
>> > communications. And, unlike radio telegraphy, using the new system doesn't
>> > require years of training; sending a distress signal is a matter of
>> > pressing a button. In an emergency, an automatic beacon will transmit the
>> > vessel's location, Kohn explains.

One 'advanced' system, during the Falklands conflict, became disabled whilst someone was using a telephone link. Resulting, it is claimed, in a missile from an enemy plane getting through and hitting the ship. Technology is useless without people who are trained and use it properly. 'Someone' still needs to know what button to press, and when! The satellite system can be put out of action by human error. Whenever you make something foolproof, they just find a better fool to defeat it... :o)

Also, what about the recent problems in finding people sailing Yachts single handedly, when they occasionally get into trouble. Many of them seem to

have the 'latestest' satellight tracking systems.

>> > "It means the days when a ship could disappear without a trace really
>> > should come to an end," he says.

I would doubt that anyone would be daft enough to make such a statement!

>> > Satellite technology has been available for more than 10 years, and the
>> > International Maritime Organization has been phasing it in since 1992.
>> > Still, the Feb. 1 deadline sent a ripple of melancholy through Morse
>> > circles, much as it did in 1997 when French coast guard radiotelegraphers
>> > tapped out their final, mournful message:
>> >
>> > "Calling all. This is our last cry before eternal silence."

Just before another company took over, and reopened them. :o)

Cheers de Dave (G0DJJA)

Date: Wed, 3 Mar 1999 04:11:26 -0800
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [34663] First CW Contact
Message-ID: <199903031110.EAA17866@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My first CW contact was with my elmer N1VT (SK) on Dec 12 1978 using a
heath DX 60 with a eico 722 vfo and a hammerland HQ 170 all which was given
to me by hams in the old Vermont Sideband Net and were passed on to a very
young ham when I up graded and he inturn passed the equiptment on to
another young ham so the equiptment really got around the novice portion of
the bands for quite a while Cal KF7ET

Date: Wed, 3 Mar 1999 06:19:23 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Fred J Kalt <w2xn@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34664] Re: CW Contacts
Message-ID: <Pine.LNX.3.93.990303055850.146A-1000000@dns.vidtel.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Mar 1999, Fred J Kalt wrote:

> How many of you remember your first cw contact ?

Everyone, I think:) I don't have to think back as far as most of you guys. It was 10-OCT-96, on 40 meters, just got my T+ and was on vacation in the Outer Banks in NC. Took the radio along 'just in case'. The first ever CW QSO was with Godfrey W3AAL. He was 85 then and I heard him on the air just a few weeks ago. Couldn't catch him again to thank him...

Two and half years ago he was calling on the Novice band at about 5-7 wpm, and I listened for ten or so unanswered calls, I was copying solid:) Then I started making deals with myself, "OK, next time he calls...", wait a few seconds, "Alright, just one more call", "Next, one". This went on for another dozen or so calls. Then *I did it*, I sent my call, worse yet... he heard me:)

Of course I fell apart, couldn't copy, couldn't send, but muddled through. I sent him a QSL with a short letter, and a copy of what I copied to paper (a complete mess). Got a nice letter back, with all the details of what I missed in the QSO. Yep, don't think I'll forget that QSO ever.... my palms are still drying out:)

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 03 Mar 1999 07:27:01 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: paule@sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34665] Re: Canadian fox
Message-ID: <36DD2A94.2A7D4315@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul Erickson wrote:

> Don't know what conditions were like on your end, but they were pretty
> poor up here.

Conditions were very poor in Florida. They were so bad not all hounds
could be heard.

> There are 60 q's in the log this time, including dupes.

60 Qs including a dupe is really an outstanding total under the
conditions. Paul, has GREAT ears.

> QRN was heavy and crashing.

Same here in Florida, including much heavy QRM from "interlopers."

Tom, N1TP, Naples, Florida

>

>

> cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Wed, 3 Mar 1999 07:39:11 -0500
From: "dor" <elbc@pivot.net>
To: <ae2t@bigfoot.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34666] Re: Broadcast station use of folded unipoles
Message-ID: <001801be6572\$de2fbc20\$ce1199d0@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Al Gritzmacher <ae2t@bigfoot.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, March 03, 1999 12:43 AM
Subject: Broadcast station use of folded unipoles

><<<Moral: You just cannot beat a good ground plane with lots of
>radials for a vertical monopole (unless you are floating in salt

>water). Note that there are no 'folded monopoles' (to the best
>of my knowledge) used on commercial AM radio antennas. That
>should speak volumes about reality (or my ignorance of
>reality :-).>>>>
>
>
>I just recently saw a talk given on an AM radio station. They use three
>folded unipoles in a phased array. The reasoning they gave for using that
>type of antenna was more to reduce the height of the towers needed (to
>reduce costs) than any suggestion that they were a better antenna. Their
>original licensing proposal was for three full-sized towers, but they
>switched to the folded unipoles in the final installation. One other
benefit
>was that at half the height, they fell under the height limits for tower
>lighting and painting, saving another expense.
>
>Incidentally, they were installed over a grid of mesh copper and several
>hundred radials.
>
>So AM broadcast stations do use them, but not because they are necessarily
>better performing antennas.
>
>The station was WTOR in Youngstown NY, which is a daytime only station
>serving Toronto Ontario. The antennas are oriented to give a coverage
>pattern across Lake Ontario into Southern Ontario.
>
>-- Al AE2T

Hi all,

Just so we don't get any misunderstanding here .. a true folded monopole is
not any shorter than a 1/4 vertical, So Al what this station was doing was
not using a true folded mono pole , but linear loading of their towers.
73 dave kc1di

Date: Tue, 2 Mar 1999 23:40:01 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [34667] Wire/Rope Antennas....The Last days of wa5cvm/1
Message-ID: <19990303.075545.-277393.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Highest Gang:

This winter proved to me that my qth is devastated on 20mtrs and to a good extent 40mtrs.... during the winter time.

I used the formula $468/F$ (mhz) to find the length of a driven element and shortened it six percent to make a director and put up a two element wire yagi yesterday

I used 1" wood dowel rods to hold the ends of the elements and keep a fourteen foot spacing (.1 wave) and also laid a dowel rod across the center of the elements to keep them in line and keep the coax from pulling the elements apart... (I used # 12 solid copper wire...

I got two pieces of rope up about forty feet in the trees and stretched it all out... swr on 7.228 was flat and barely showing on 7.040 ... coax feed line this time...

signals that were below s7 are now over s9.... my sstv signals are now received much better....

I don't know what to do about twenty...

Unless I can get an antenna up on twenty that will work for me I think I will need ten to twenty watts for sstv on twenty... being halfway down a hill and having hills all around me sure makes things interesting....

wa5cvm has enjoyed 37 years of activity and is now going to be laid to rest in a few weeks....

I made my change of address, to get the portable off, and decided that the 5 call was causing too much confusion with contacts on twenty and up..... soooooooo I asked for a (1) call while I was correcting my address....

Really mixed emotions about this... I realize life is constantly changing, however, I do like and identify with my wa5cvm call... goes back to the novice days of wn5cvm..... and dx60's and 6146's.... and keying the ends of the wire for the cw key together because the key was broken..... got real good at that....

ON ANOTHER TOPIC

I was thinking about the guys and possibly gals trying to do the milliwatt was thing and coming up with the lowest total power used.... PSK31 would be ideal for that... that program will pick up the faintest of signals and milliwatting should be a blast with it... but not the same as cw... something different...

Well gotta go... will let U kneaux what my new call is when I find out what it is...

My cajun mama is really upset about this.... she says it's like losing one of the family to an aligator or sumpthing like that.... I hope she don't get so upset she won't cook sum shrimp gumbo this weekend....

God Bless

joel, in maine, watching the sneaux melt, and saying good-bye to an old friend...

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 03 Mar 1999 12:59:41 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [34668] Re: NorCal 20 Kits
Message-ID: <E10IBEt-00050x-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>The extra insurance NorCal 20 kits have been sold out. Thank you ...

Mark Hogan N50BC then said:

>One Hour and 52 minutes

>Wow

Yes! And those of us beyond the Pacific Rim, would have been unlucky as well.

:o)

I wonder if future offers be available to those of us outside the contiguous states please?

I'd like to think that I might upgrade from my old 40-9er someday. HI.

Thanks.

de Dave (G0DJJA)

Date: Wed, 3 Mar 1999 07:05:49 -0600 (CST)
From: Joe <w0joe@tabby.cooldude.com>
To: qrp-1@Lehigh.EDU
Subject: [34669] First CW
Message-ID: <Pine.LNX.4.05.9903030652370.12041-1000000@tabby.cooldude.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Having just passed the one year mark since I became licensed as a TECH,
remembering my first CW contact is rather easy. I actually didn't get on

the air operating CW until 3 days before I went to take my 20 wpm test and the Extra written. On June 17, 1998, I had a nice chat with Don, WA6SFA, who at eighty something had been a Novice class operator for 26 years!

I'm sure that contact gave me a confidence boost, as I nearly aced the 20 wpm test the following Saturday. (I missed one number in the signal report :(

And having just recently given the FOX hunts a try, I'm looking forward to next season. It's a challenge and a thrill to have your call come back from the pile-up and maintain composure to return the exchange.

For the most part I'm still running a straight key, either a NYE-VIKING all chrome or a "slightly" used J38. I've started a small collection of paddles and keyers, and practice with them on occasion. But I still feel I need to master the ol' straight key first.

73 - W0JOE

CW - Nature's Pure Digital

Date: Wed, 3 Mar 1999 08:13:05 EST
From: Macstein@aol.com
To: w2xn@juno.com
Cc: qrp-l@lehigh.edu
Subject: [34670] Re: CW Contacts
Message-ID: <e0ad1aef.36dd3561@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/2/99 7:01:26 PM EST, w2xn@juno.com writes:

> How many of you remember your first cw contact ?

I have TWO of them. I spent a year as a Tech+ but no HF rig. I ordered the NorCal40a from Wilderness, took a full day to build the thing and had an Elmer check it over and align it with me. He looked at me and said: "Send CQ."
[long pause] I said, "I have to go now."

I listened for about a week. And finally, on Jan. 11, 1998 I heard KF8PM, Alan in Ohio, calling CQ. I had written out the "perfect" exchange information, and carefully sent it at EXACTLY 5 wpm. I didn't copy another single character he sent -- but QSL went out the next day.

THEN - about a week later, I got up enuf nerve to try it again. You know how you can't leave the first kit alone after you build it -- I was "tweaking" the capacitor to get just the right freq. coverage, and sent a practice CQ. Rick, KE4DDI in South Carolina came back to me and was QRP with a Kenwood TS430s. I began sending my written script again, and realized I just told him he was my first contact. Oops. I trashed the script and began telling him my age, rig, antenna, and as we signed, I expressed my glee a little. He said he had never before copied "YAHOO!" in cw -- grin. QSL went out that day.

I have both 1st cw contacts in one frame. Reading this thread has been fun.

-MAC-
KF4KSM

I received both of my "1st"

Date: Wed, 03 Mar 1999 08:35:08 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: w4bws@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34671] Re: How about QRP-L QSO party?
Message-ID: <3.0.5.32.19990303083508.007faa70@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, a qrpwr hunt. "sssshhhh, i'm hunting waskely qrpers." Qrpwr
stew....yum yum.

Date: Wed, 03 Mar 1999 08:43:17 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: walexan@ipa.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34672] Re: CW Contacts
Message-ID: <3.0.5.32.19990303084317.007f85e0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I remember mine as well. Scott Rosenfeld/nf3i/n7ji. he busted my chops for giving him a bad rst.<g>
what's so bad is I still havent' sent him his qsl card. Yeah, ok I'm a bad op and shame on me. Ay Scott its on the way...really! just have to pull your card out and get some info I didn't log like the date<g>.

72/73 de Scott/n3bby

Fists #5030
Laurel MD

Date: Wed, 3 Mar 1999 08:45:52 -0500
From: "David Burniston" <davidgb@nortelnetworks.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34673] RE: CW Contacts
Message-ID: <915C65C50371D11187AD0000F881B9A402940594@bcarua62.ca.nortel.com>
MIME-Version: 1.0
Content-Type: text/plain

I was working for the summer of 1975 in Whitehorse, Yukon Territory. I wrote my exams there and received a temporary call of VY1CZ to use till I returned to Ontario and got my permanent call.

A local ham let me use his station. I got on 15M and sent CQ de VY1CZ and was swamped with replies! I didn't know what to do! I couldn't really make out any of the calls, so I just sat there for about 15 seconds, and one person called. I called him back and then proceeded to work about 10 people in that session.

I was shaking pretty badly I was so nervous, but it was a lot of fun!

...Dave
VE3LFO

> -----Original Message-----
> From: Macstein@aol.com [SMTP:Macstein@aol.com]
> Sent: Wednesday, March 03, 1999 8:13 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: CW Contacts
>
> In a message dated 3/2/99 7:01:26 PM EST, w2xn@juno.com writes:
>
> > How many of you remember your first cw contact ?
>
>

Date: Wed, 3 Mar 1999 08:53:49 -0500
From: Ronald McConnell <rcmcc@lucent.com>
To: "'Jim'" <w7ls@blarg.net>, "'QRP-L'" <qrp-1@lehigh.edu>
Cc: "'Ronald McConnell'" <rcmcc@lucent.com>
Subject: [34674] RE: Solar Charge Controller \$20

Message-ID: <01BE6553.5C7476E0@daystar.amc.bell-labs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, Jim,

I'm just starting to fiddle around with this solar panel and battery charging thing. I've been doing some reading, I have batteries and now charge controllers. I plan to order a solar panel or two soon.

I think what you propose will work. Each solar panel having its own blocking diode before tying them together should protect the ones in light from any that are shaded. BUT some of the gurus on qrp-l can give you an answer from experience rather than from just reading.

Check out

<http://www.indra.com/jade-mtn>

<http://www.realgoods.com>

<http://www.antennasmore.com>

<http://www.solarelectricinc.com>

<http://www.seslogic.com>

for much more info on solar panel battery charging. The last two, Solar Electric and SES, seem to get the most mention on qrp-l. There were a couple of good QST articles mentioned in the last month, but I don't have the references handy.

Good luck,

Cheers, 73,

Ron McConnell, w2iol

Date: Wed, 3 Mar 1999 08:08:09 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: David Burniston <davidgb@nortelnetworks.com>
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [34675] FIRST Contact
Message-ID: <Pine.LNX.3.95.990303080014.9112H-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

1962...VE3FCH...I had a homebrew 6L6 on a steel chassis plus an R1155A receiver out of a Lancaster bomber, all set up in a closet.....just open the door, pull up a chair and away I go....used a G5RV on the roof of the apartment building...called CQ...called CQ...listened and listened and listened....nothing...I said to Bonnie "Well maybe tomorrow"...Bonnie said "Why tomorrow, there's someone calling you now."....so I turned back to the receiver and sure enough there was a ham from Weston , Ontario returning my call....I was in Hamilton , Ontario....wow!...the shakes, confusion, can't think fast enough, stumble, stumble but we made it and I have his card....be still my heart!.....turns out Bonnie had learned the code listening to me practise and was better at it than me....HAR! ...I'll always remember my first contact!... :-)))

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Wed, 03 Mar 1999 09:00:25 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [34676] Fox: Poor conditions
Message-ID: <36DD4079.E45E2617@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Been worse QRM. Been worse QRN, Been worse QSB. But last night they all bunched together to make the worse conditions of the fox season. Got the fox to hear may call but got pounded by a very strong CQer. He was very cooperative and moved off when the pack asked him to QSY, but by then I had lost the fox in the noise. Next time.

Date: Wed, 3 Mar 1999 09:09:54 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <montp@synacom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34677] Re: Sockets ok for NC20?
Message-ID: <007401be657f\$83edbc00\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Would it hurt anything to use sockets on all the chips
>on the NC20?
>
>Tnx,
>km6wt

I would think long and hard about any sockets in linear sections of circuits. Yeah, makes it easy to repair, but long term with socket impedance changing from moisture and 'trivial' corrosion might be headaches you don't want to have to deal with.

Just with temperature changes causing small physical shifts over time, I don't see how they will remain reliable in the long term.

You make the call. But if you do want to use sockets, get the best you can find. But I think it will be headache city.

Mike Yetsko
N1DVJ

Date: Wed, 03 Mar 1999 09:33:30 -0500
From: Sonny Haumesser <sphaumesser@netzero.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34678] 10-Turn Pots Sold
Message-ID: <36DD483A.C390F708@netzero.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

The ten turn Pots have been spoken for.
Thanks for the response.

Sonny, KE9IX <><
Terre Haute, IN

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download.html>

Date: Wed, 3 Mar 1999 09:48:52 EST
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [34679] AR-QRP 40 m net tonight
Message-ID: <dfa11a59.36dd4bd4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de AB5ZD PSE QNI". At that time, please send your full call. When I copy it, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! Try to keep it short, though, especially if we have a long list! This is a fun, informal net. It is a low hassle way to learn how to check into a net, and you don't need to be a member of the AR-QRP Club to check in.

72,

Bob AB5ZD

Date: Wed, 03 Mar 1999 06:55:26 -0800

From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [34680] Re: Sockets ok for NC20?
Message-ID: <36DD4D5E.97910191@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I socketed all the ICs in my NorCal 20 and everything came up just fine. However, I used high quality sockets - the ones with the machined pins. I don't recommend using the tin plated ones, at least not in this application.

Mike Yetzko wrote:

>
> >Would it hurt anything to use sockets on all the chips
> >on the NC20?

Date: Wed, 3 Mar 1999 10:15:22 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [34681] FW: CW Contacts
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083A8C@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

Oh yes. I sure do remember my first CW contact.
Was about 5 minutes after I received that envelope from the FCC containing my Novice License. I was out mowing my Dad's lawn when the mailman came up. Sorry about waiting 5 minutes, but the tubes had to warm up. Left the lawnmower on the grass, which made Dad none too happy. On 7105 KHz, with WD9DOA, Merlin. (I only had 3 crystals for 40 meters, teenagers budget.) Still have the card on my wall. And it still looks pretty good after 21 years. And I still remember the butterflies/goosebumps, too.

73 de N8AUC
Eric

> -----
> From: Fred J Kalt[SMTP:w2xn@juno.com]
> Reply To: w2xn@juno.com

> Sent: Tuesday, March 02, 1999 6:47 PM
> To: Low Power Amateur Radio Discussion
> Subject: CW Contacts
>
> Hi gang,
>
> I have been reading the threads about cw and a couple people
> upgrading.
> I just thought I would throw this out:
>
> How many of you remember your first cw contact ?
>
> How many of you don't remember your first cw contact ?
>
> I remember mine clearly and the comments related to me later by my
> first
> contacts wife:
>
> "Don't go too fast, Doug, it's Fred ! "
>
> Gosh, what good memories I have of that contact.
>
>
> Fred W2XN
> Lakeland, FL
> W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR
> QRP
> #233 QRP-L #1728
> My Web Page:
> <http://www.geocities.com/ResearchTriangle/Thinktank/5344/>
>
>

> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at
> <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]
>

Date: Wed, 3 Mar 1999 10:22:20 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34682] Re: Backpacking Rig Battery/charging inquiry
Message-ID: <001001be6589\$a25d48e0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I like the AA route also Mike, on my last major (1wk)hike I <gulp,
gasp>
>sprung for 10 AA li. batt's.... I'm still using them 9 mo later.. LOTS
of
>juice, and about 2/3 the weight... LOTS of \$\$/cell too...
>
>Niel

I don't think it's that much an issue of the specific battery you take,
but I would
say that it's VERY important to make sure you take a 'standard' type of
battery.

In the past, I've taken HTs on hikes and for extended trips. One of the
first
things I ran into was the limited life of battery packs. So, my first
reaction
was to take a small gel cell. Opps, not a good idea to hike up a
mountain
with it. In fact, even extra battery packs, like 5 or 6 of them, are
bulky. And
climbing something like Mt Monadnock, while not that difficult, can make
those batteries very intrusive.

I also wanted to do something for public service events. I worked one
event
that ran me through 3 packs. Well, in late spring, carrying even just a
fanny pack with 4 or more packs, PITA!!

So I thought to make up an extended pack. First I took an old Icom
battery
pack that was defective and gutted it. Then I kicked around feeding the
RS HT I have with a 'belt pack' of sub-Cs to the direct power tap on the
top of the rig.

But only the RS rig has that, not my Icom 3AT, or my u4.

So, I ended up deciding on the following (which is partially built on my
workbench
but not complete).

A standard Icom battery pack that has been 'gutted'. That way whatever
I feed it
with is 'standard', and I can connect it to my RS HT, my Icom 3AT, or

even my
u4 with the battery adapter plate. This pack is empty (and as a result
is very light,
even with the electrolytic cap and discs I put in just in case) of
batteries. I mounted
an RJ-11 jack on the side of it.

Then I took an old telephone handset cord and chopped off the 4P4C
connectors
and mounted the standard RJ-11 6P4C connectors. Why not use the
original
handset 4P4C connectors? Well, you can, but standard RJ-11 are much
easier
to come by, and who really cares what the connector is. You can always
find
RJ-11 at Radio Shack and the tool to crimp them on. On the other hand,
if I stayed
with the handset connectors, I could use an off the shelf cord from
almost any store.
It was a tradeoff. Maybe if I do it again I'll mount BOTH connectors on
the pack!

The standard coiled cord is light and flexible. It goes to a 'belt
pack'. The belt pack
originally had the 4-AA battery pack holders (two of them) with a 'clip'
on the back
to slip over a belt or pant lip. 8AAs give me 12v, and that was kind of
high for
some radios. So now it's 3 battery holders of 2 "C" cells each. Why
"C" cells?
For one reason, they are available EVERYWHERE. And an alkaline "C" cell
will power something like a small 2M HT in normal use for weeks! Even
with
heavy use like a public service event you should get DAYS out of them.

Using the battery holders that hold 2 C cells means they are flexible,
and relatively
light. I originally was going to use sub-C nicads, but then try to find
sub-C cells
out in the boonies. With standard C, I can use NiCad C, or alkaline C,
and they
last forever.

You can just bundle 6 cells together into a fanny pack, or mount them on
a 'strip' of
canvas with clips so it forms a 'flexible belt'. I'm still trying to
come up with some
way of making a very light 'clip' with the canvas backing to make it

hold to my
belt without coming apart on me. I can rivet rings to slip my belt
through, but I'm
still working on how I want the final thing to go.

Mike Yetsko
N1DVJ

Date: Wed, 3 Mar 1999 10:23:29 EST
From: CQCL@aol.com
To: wa8rxi@juno.com, qrp-1@lehigh.edu
Subject: [34683] Re: CQC Winter QSO Party
Message-ID: <cf2c811f.36dd53f1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/2/99 11:20:47, wa8rxi@juno.com writes:

<< I pretty much understand the method of scoring.
But, the names (names list) eludes me.
Can anyone help .
Thanks
72, Rick - WA8RXI Taylor, MI. >>

This may have already been answered, but another time won't hurt because it comes up a lot.

You get a multiplier for each name, ONE PER LETTER, you work. Joe, Jack, John, and Jake are all good contacts, but only ONE 'J.' It is the letter you are using as a multiplier, not the name itself.

Also, the list of names or letters can only be used ONCE, not on each band. The SPC (state, province or country) multiplier applies to EACH band.

Your score is the TOTAL of QSO points from each band, TIMES the TOTAL SPC multipliers from each band, TIMES the number of names (letters only - max 26). If you worked the club station, W0CQC, you get an additional 1,000 points.

I hope this helps. The names (letters) angle has really added interest to

this contest. The rules state that the name you use must be your regular name used on the air. That's why I have not heard any Zeke, Xavier, etc.

If you have any other questions, check our website or drop me a line.

72,

Rich WOHEP, V.P.
CQC #1
Colorado QRP Club

Date: Wed, 03 Mar 1999 10:42:17 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34684] Re: Backpacking Rig Battery/charging inquiry
Message-ID: <36DD5859.740B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike, and the group,

We all forget there are accessory battery packs made for this purpose. Well, not exactly for this purpose, but for RC car racing. They contain high energy nicads and put out 9.6 volts. You only have to interface them to your HT but you're doing that anyway! I have at least two of these left over from my days of using a HT (and before that RC car racing). Check them out -- they're pretty expensive new but you can buy used ones for a lot less.

73

Date: Wed, 03 Mar 1999 07:52:29 -0800
From: David Shalita <af389@lafn.org>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [34685] Circad - WIN95 clipboard question
Message-ID: <36DD5ABD.CE1F5C04@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Does anyone know how to capture a CIRCAD schematic or pcb image to any popular graphics file format? Must create a schematic or pcb layout to send to a friend as JPG or GIF, by email, who is also running WIN 95 or 98. Usual method is to PRINT which captures to the CLIPBOARD, find BMP file just created, and convert that to JPG. Circad works in an MS_DOS window of WIN95. Circad IMMEDIATELY sends to printer. The printed image that results is garbage.

Also need to use Circad schematics and pcb layouts in WordPerfect documents, so Clipboard capture (BMP) is needed.

Hints are really needed. Thank you.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Wed, 03 Mar 1999 08:54:48 -0700
From: "Dan Tayloe" <Dan_Tayloe-P26412@email.mot.com>
To: kc5tja@dolphin.openprojects.net, qrp1 <qrp-1@Lehigh.EDU>
Subject: [34686] Re: AF Amplifier Built! (LONG)
Message-ID: <36DD5B48.83DEAD37@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It is indeed fun to play with this stuff! I am glad to see you are building and learning.

One comment on your schematic:

You are trying to run your op-amps at 70 db of gain each. This is probably not a good idea. For the following reason:

The open loop gain for a MC1458 (no feedback) varies with frequency. A few data points:

| | |
|----------|--------|
| +100 db: | 1 Hz |
| +80 db: | 100 Hz |
| +60 db: | 1 KHz |
| +40 db: | 10 KHz |

+0 db: 1 MHz

In other words, your op-amps are running flat out somewhere above 500 Hz. With no feedback margin, distortion can be high. I do not know what a good number to allow for feedback, but you may want to allow *at least* 20 db of gain margin in order to keep distortion in check. 30 db would be better.

If this was audio for a cw rig, 1 KHz would be the upper limit of desired application. 60 db of open loop gain then implies that you should aim for only 40 db, or 100x voltage gain per stage.

Unfortunately, if you want decent audio out to 10 KHz, you have only 20 db (10x voltage) to play with. Note that right now, you *really* only have 80 db of gain at 10 KHz, not 130-140 db.

The MC1458 only has 1 MHz of gain-bandwidth product. Some of the nicer audio parts tend to be in the 15 to 70 MHz. Again, this extra wide bandwidth means that the designer can pick between either moderate gain over a wide frequency range (music for example) with very low distortion, or higher gain over a more limited bandwidth, again with low distortion.

Have fun!

- Dan Tayloe, N7VE, Phoenix, Az; Az ScQRPions; QRPL #696

Date: Wed, 03 Mar 1999 09:13:35 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: qrp-l@Lehigh.EDU
Cc: azqrp@extremezone.com
Subject: [34687] Ham Shack Completed
Message-ID: <36DD5FAE.524B@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang,

For the past few months I have been building a ham shack. While everyone else on QRP-L has been soldering NC20's or K2's, I have been pounding 16D nails into 2X4's! During the construction of the building I took a few pictures to document the progress. I have uploaded these to my web site. If you are interested, take a look at:

<http://www.swlink.net/~w5jh/> and follow the HAMSHACK link.

I thought I would "submit" this project in the "homebrew" category at Pacificon. Maybe Doug/Norcal will want to kit this thing. It could be the next Norcal kit coming to a neighborhood near you. I can see it now. We will all be discussing the merits of using nails vs screws in installing wall board! Or perhaps someone will want to know if roofing tar can be used as Q-dope, etc.

While at the web site, check out my "no holes" W6AAQ Screwdriver Antenna mounting method. Just follow the MOBILE link. This mount has held the Screwdriver antenna well for about a year now.

--

73, Jerry W5JH

Peoria, (near Phoenix) AZ, AZ ScQRPions
EX:KY4Z, WB7VIO, WB9LOM, WN9LOM, WN9BIU, WN9NZA
DX77T, FT990, IC735, QRP-L 1645
<http://www.swlink.net/~w5jh>

Date: Wed, 03 Mar 1999 09:03:37 -0700
From: Brian Kassel <bkassel@dancris.com>
To: Jerry Haigwood <w5jh@swlink.net>
Cc: qrp-l@Lehigh.EDU, azqrp@extremezone.com
Subject: [34688] Re: [azqrp] Ham Shack Completed
Message-ID: <36DD5D59.EB8FFC07@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry and Gangue:

Wow, nice job to be sure. So how are you going to get that room into your vehicle so that you can do a show and tell at the next meeting, which, BTW, is this coming Saturday.

Brian W5VBO

Jerry Haigwood wrote:

>

> Hello Gang,

>

> For the past few months I have been building a ham shack. While
> everyone else on QRP-L has been soldering NC20's or K2's, I have been

> pounding 16D nails into 2X4's! During the construction of the building
> I took a few pictures to document the progress. I have uploaded these
> to my web site. If you are interested, take a look at:
>
> <http://www.swlink.net/~w5jh/> and follow the HAMSHACK link.

Date: Wed, 03 Mar 1999 08:00:44 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34689] Re: CW Contacts
Message-ID: <36DD5CAC.C18DC3F5@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fred J Kalt wrote:

> How many of you remember your first cw contact ?

January 1957. I had already had my license for a couple of months, during which time I built a number of transmitters, but for some reason never got any farther with them than lighting 40-watt lightbulbs.

My friend Joe, Kn2VUI (note the small 'n') called me on the phone and hassled me into connecting a piece of wire to my latest work of art, a 6DQ6 crystal oscillator. I had my first QSO with Joe sitting on the floor in my attic with my J38, transmitter, and National NC101X receiver.

Joe is now K2VUI and I still work him from time to time, although we're now on opposite coasts. I recently picked up an NC101X, too.

73,
Vic, K2VC0
Fresno CA

Date: Wed, 03 Mar 1999 08:27:17 -0800
From: "Arthur G. Silvers" <ags@ieee.org>
To: paulc@mediaone.net
Cc: qrp-l <qrp-l@Lehigh.EDU>
Subject: [34690] RE: Paddles
Message-ID: <36DD62E5.51853A08@ieee.org>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul,

Looks as though you have done some interesting mods to your SST. Care to give us a few details? Nice paint job too.

Tnx es 72/73 Arth W6AGS

Date: Wed, 03 Mar 1999 11:59:08 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [34691] Re: Describe 40 Mw?
Message-ID: <36DD240C.9B2A3165@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about a standard LED with a difuser lens.
At about 2 volts and 20 milliamps it is 40 milliwatt.
Remember to explain that the power from the QRP rig is even more spread out than that from the LED.

michael N6CHV

n0tu@webaccess.net wrote:

> I also sometimes find myself trying to explain to non-hams what QRP
> is. I've heard others use the candle power concept. That is one candle
> = one watt. I'm not sure if this is accurate but it makes for a good
> story. But then how do you describe 40Mw?a wet match that just
> smokes and doesn't light? ...or ?

Date: Wed, 3 Mar 1999 12:08:33 -0500 (EST)
From: afpgreg@state.me.us (Paul V. Gregory)
To: qrp-l@Lehigh.EDU
Subject: [34692] FS: QRP SSB/CW/AM Milspec
Message-ID: <199903031708.MAA12426@gatekeeper.ddp.state.me.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My SouthCom 120D (ser # 3898) is surplus to my needs. It's a basic 20 watt input transceiver tx output (easily reduced to QRP via adjustable ALC control), that's built like nails. And it's "fully waterproof" according to Janes Military reference.

Here's its specs:

Solid State 2-10 MHz coverage via 23 xtal controlled channels. One xtal per channel tx es rx, four 40 meter cw freqs, 9 cw es ssb freqs are already installed. Additional xtals available from Peterson Xtals for \$10.00 a pop, transcieve.

Built-in antenna tuner accomodates 50 ohm or open wire applications, uses 12vDc from external source(power cord included) or with D-size Nicads (also included). Uses ElectroVoice H-350/u handset (included) for lsb/usb/am ops.

Its waterproof status is no exaggeration as EVERYTHING's isolated--case, knobs, switches, plugs--with neoprene or soft rubber. No, I've never dropped it over the side of my sea kayak, but it's nice to know I can!

Weight: 11 lbs w/out batteries. Size: 4.3" x 10.75" x 12.25"

These rigs are popular in Canada's arctic (temp range -30 to +60 d. C.) for hunting parties because the rig's rigid and easy to use. Mine has a USN calibration decal, but I understand they were not normally issued to US armed forces. Perhaps elsewhere, however. Mine's in very clean to excellent condition both physically and electrically.

Price: \$190.00 plus shipping from 04348 (Maine). Or as partial trade towards TenTec 555.

tnx fer reading, de N1ZR, Paul

Date: Wed, 3 Mar 1999 12:26:45 -0500
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [34693] LogConv and QSL Maker
Message-ID: <000801be659b\$21e45160\$425502d1@ae2t>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To those of you who are using the new version of QSL Maker that imports ADIF logs to print QSL cards, the following program may be of interest. It converts many

logging programs to other formats and supports the ADIF standard.

> From rbarron@austin.rr.com Mon Mar 1 21:32:07 1999
> Subject: New LogConv version available
>
> Dear Hams,
>
> A new version of the LogConv Amateur Radio log file conversion
> program is now available at:
>
> <http://www.qsl.net/ka5wss/logconv/>

72,

Al AE2T

Date: Wed, 3 Mar 1999 12:56:09 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [34694] First CW Contact
Message-ID: <19990303.125609.-805761.2.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Since I asked the question if you remembered your first CW contact, I thought I would give a brief account of mine too, since I forgot to give it when I posted the question. I also want to thank all those who shared their first CW contact with the rest of us. I am really enjoying reading the postings.

No my account:

I had gotten my license in 1981, then KA6OHZ, and didn't have a radio. My elmers (Bruce, WB6DCC, and his wife, Karen, WB6DCB - husband and wife team), loaned me a spare Heathkit they had until I could get my own, I soon built a Heathkit HW-101. They loaned me the rig, and a Heathkit paddle/keyer combination. I had already put up a 15/40 inverted "V" on the roof and was anxious as could be. My elmers told me that they would be over later to help me make the first contact. I couldn't wait and thought, gosh, if I have to do this in front of them I will never get it right. So, I decided to try before they got there.

I was as nervous as a cat on a hot tin roof, you know, the way you feel just before you jump off the high dive the first time, or before your first day of school. That kind of feeling. Finally, I got the nerve and heard a call, I didn't recognize, but turned out to be someone I knew, and his wife was in the same class for ham radio I was in. So I answered him, and he came back. He sure was patient. His wife could copy slow CW, and mine was really slow, and heard the QSO from another part of their house. First thing she did was shout to him was: "Go slow, Doug, it's Fred". February 21, 1981, 21.150, Doug, WB6BB0. A memory I will never forget.

Fred W2XN

Lakeland, FL

W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728

My Web Page:

<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 3 Mar 1999 12:03:34 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>, <af389@lafn.org>
Subject: [34695] Re: Circad - WIN95 clipboard question
Message-ID: <03f601be65a0\$98591420\$a10a5e2c@groucho>

David Shalita <af389@lafn.org> asked:

>Does anyone know how to capture a CIRCAD schematic or PCB image
>to any popular graphics file format?

There are two ways that I know to get Circad drawings into a graphics file.

1. While in the program hold down the Alt key and press the "Print Scrn" key. This will place a screen capture image into the clipboard which can be pasted as a new image in a graphics program.
2. In Circad under File click Plotter Out, Plotter setup, highlight the selection after Output Port and click and choose Dos File, highlight the selection after Output Type, click and choose PCX. Then when you print circad will create a PCX bitmap graphic file that will easily import into most graphics programs where you can save it as a gif.

BTW, gif is the preferred format for schematics as opposed to jpeg. The rule is gif for graphics with type and sharp edges, jpeg for pictures.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 03 Mar 1999 10:07:29 -0800

From: Allan G Taylor <k7gt@arrl.net>

To: qrp-1@lehigh.edu

Subject: [34696] Remembrances of that First CW QSO...almost

Message-ID: <36DD7A61.2B88@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

My really true by-gosh first CW QSO was so long ago...that I have only remember vague feelings of the event. Sorta like that first mental image of a Christmas morning long ago. Sweaty palms, complaints from the living room (TVI), struggling to copy 10 wpm code, frustratingly poor signal reports. The rig was a homebrew 6AG7 oscillator to a true Windom at 20 ft. Receiver was surplus: BC312N. Selectivity so poor it makes a barn door feel confining. The license was real, though, signed by Mary Jane Morris (remember her???) and I was a very mature 'just turned 11'!

Much more interesting, however, are some more recent first.

My first QSO after being off the air for 15 years: W6JRL, Chula Vista using a partially completed 40m array. Omens of good things to come!

My first QRP QSO (not using a big rig) was apparently checking into the WSN QRP net on 10Jan98. Those calls are so familiar now... W6JHQ, KN6YD, NJ7M, N0TU, W7JQY, W6SIY, WA6NAE, AB5PC, WE6W, NY6G.

And then later that spring doing the first backpack portable operation

and working K6KSR, KN6YD, NJ6D, and N7TN (not all QRPers). Sitting in April's lush and fragrant spring growth of an El Nino year while overlooking our little valley. Heady stuff. I was definitely hooked!

Other first were relaying in two stations to WSN while operating portable from Huntington Lake in the Sierra Nevada mtns (VE6EWM...)

and finally the first DX worked from backpack portable: EA7AHA from Yosemite park backcountry.

Isn't it great how many first flood our memories when we think about it for just a bit..

73

Allan K>

```

                                     |
                                   /|
                                 /  |
                                /   |
Allan Taylor, PE  K7GT           |  /Z | \
    k7gt@arrl.net              /| /599|  \   QRP-L 1016 FISTS 3222
    operating nr SF/Oakland CA  /_ | /____|__ \_  ARS 228    10X 69929
... "QRP, QRO, or barefoot..."... [\--===== -/  DXCC 8171/CW 1395/40m
~~~~~
-----
```

Date: Wed, 3 Mar 1999 11:18:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [34697] FYBO: Help, W8HP (MI QRP MultiOp) - Last Attempt
Message-ID: <199903031818.LAA03323@usr02.primenet.com>

(Sorry again for the bandwidth - no other channels have worked so far)

If any of you know one of the following ops (who operated FYBO as W8HP MultiOp in MI), could you *please* let them know that the log I recieved is missing key data and can't be entered?

WB8HBJ (Roger)

AA8TK (Evan)
K8JV (Jim)
WD8S (Mike)
AA8UU (John)
WD8CMS (Ed)
K8GT (Gerry)

Someone kindly gave me an email address for one of them, but I have not heard back.

It's a great entry, but I can't just make up data to fill in the gaps. Be a shame to have to use it only as a checklog.

Thanks for your help, and sorry again for the bandwidth.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 03 Mar 1999 18:19:33 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [34698] Worldradio on-line Address update.
Message-ID: <36DD7D35.2651@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Friends. If you receive the Worldradio magazine and need to change your address, you can do so on-line.

Visit:
<http://www.wr6wr.com/indexns.html>

Select "Departments", "Moving" and fill in the information.

Cool! I spoke with Ashley Guy/KF6SXE and he updated the page to work better in Netscape, it was OK on internet Explorer.

72/Ed Loranger

--

-Ed AR QRP Millennium QSO's=495/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 3 Mar 1997 11:23:31 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [34699] New A-1 op! & SLMachCo case for NC20
Message-ID: <19970303.112332.-195435.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I found a very nice surprise in my mailbox yesterday. Some of you nice folks have voted me into the A-1 Operator's Club! I am very honored by this gesture, and it made my whole day that was otherwise un-eventful and rather depressing up to that point. ;-)

So I wish to thank the responsible parties with my utmost appreciation. I will try to always operate in a manner worthy of the honor.

Now, for other news:

I finished putting the new NC20 kit into the San Luis Machine Co. anodized case yesterday. I used a tapered reamer to enlarge the hole for the main tuning pot. The anodizing has indeed hardened the finish to the point where I was starting to feel sorry for the reamer! It was making some crackling noises as I carefully reamed out the hole to the correct size. After the hole was the proper size, I used a General brand deburring tool to remove the burrs around the edge of the hole. Works FB, and these can be found at your local hardware store. The reamer and deburring tool survived OK, but are a bit duller now than before. *8-)

I noticed with the new case that the countersunk holes did not exactly line up in the cover. So I put the top cover in place with the bottom cover off so that I could reheat the pot's solder tabs and gain a bit more alignment. The holes in the covers were a bit too close together before this operation.

I did have to use a small internal lockwasher between the 10-turn pot and the inside of the front panel. This is because it's lugs were already at the very front of the PCB holes, and the pot mounting was still causing

the front panel to be too close to the PCB for the new case covers to fit properly. I found some thin internal lockwashers on the high-quality pot that came in my OHR-100. I have since replaced it with a 10-turn pot and KC-2, so it was available for parts. ;-)

After getting the proper front-to-back clearance on the NC20's PCB mounted controls, there is just a small gap between the PCB and the front panel. This works out just fine, and now there is no strain on the controls, connectors, or PCB when the countersunk screws are tightly firmly in the covers. You may want to keep this in mind as you fit your NC20 to the new case covers. It only takes a bit of time.

The whole process only took a few minutes to complete, and the new case is certainly worth the small amount of care to get it to fit properly. I'll have my new NC20 and custom case at the ScQRPions meeting this Saturday for show-and-tell.

72, es tnx.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 03 Mar 1999 11:30:58 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: CQCL@aol.com
Cc: qrp-l@lehigh.edu
Subject: [34700] Re: CQC Winter QSO Party
Message-ID: <199903031829.LAA00121@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:23 AM 3/3/99 -0500, you wrote:

>I hope this helps. The names (letters) angle has really added interest to
>this contest. The rules state that the name you use must be your regular
name
>used on the air. That's why I have not heard any Zeke, Xavier, etc.
>

Where the heck is Zack when you need him :^)

72,73

Bob Hightower KI7MN Chandler, AZ DM43BI

<http://www.extremezone.com/~ki7mn>

Date: Wed, 03 Mar 1999 13:42:13 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Subject: [34701] looking for the following
Message-ID: <3.0.5.32.19990303134213.007eb100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

AIIf you have any of the following and would sell to me, please let me know.
A fellow needs these parts to build a 10m module for his Siera. I can order
the caps from Mouser, but the crystal is a problem.
Also, if anyone lives in the MD, DC, or VA area or even might be at
Atlanticon and plans to order parts from Dans Small Parts and would be
willing to share the shipping; I need some crystals for AI as well.
Trying to save him as much money as possible.

Please let me know direct to whowell@mail.hq.nasa.gov

>
> XTAL 26.170MHZ ICM: 436162
>7x 5-30pF Vertical mount Mouser Part# 24AA083
>>4x 3.5-20pF Vertical mount Mouser Part# 24AA082
>
>
> I would like to oreder 10 crystals
>
> (3.546864Mhz HC18U Package
> 10 for \$1.00)
>

If you can help let me knwo because I want to get this stuff to him as soon
as possible. I know the 26.170Mhz crystal will costs some money unless
someone has it. If you happen to have a 10m module and want to sell, let me
know.

72/73 es tnx de Scott/n3byy
Fists #5030

Date: Wed, 3 Mar 1999 14:09:26 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-1@lehigh.edu>
Subject: [34702] Thanks...and a few thoughts on upgrading
Message-ID: <199903031909.0AA22656@smtp3.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear Folks:

Many thanks for all the many messages of congratulation on my upgrade to General. They are deeply appreciated

Here are a few attitudes and techniques that helped me upgrade after almost 2 years of trying. I apologize it this is long and rambling, but they worked for me and might help others. I figure the delete key is just inches away. :)

Don't force it. I tried to force feed myself with code and it led to frustration, almost despair at times. When I finally realized that this is a life long hobby without deadlines, I relaxed and began to enjoy the practise sessions.

Don't ever give up. There were a couple of times when I couldn't practise at all for a couple of months. To my surprise, I found I had lost almost no ground in copying. So I just picked it up again from that point and went on.

Get on the air. A QSO at a comfortable speed, whether it's 3 or 30 wpm, is fun and keeps your interest high. You'll learn you aren't alone in your efforts and will find a lot of encouragement on the airwaves.

COPY, COPY, COPY! Wherever and whenever possible. Listen to W1AW, to actual QSOs, use computer programs, the MFJ Code Tutor, or anything that can generate code. And start at speeds beyond your capabilities. While working on 13 wpm I usually started at 18-20 wpm. After a few minutes of that (getting MAYBE 20-30 % on a good day) I would slow down to 10-13 wpm (this is where the Code Tutor comes in handy). Suddenly 13 wpm seemed possible. Also, I found that W1AW made a good yard stick. When it felt like I was improving, I would tune in the slow code session on W1AW to measure any progress. With W1AW you can't predict what will be sent, you are subject to QRM/QRN/etc., which is more realistic than tapes or computers. When I could copy about 75-80% consistently, I figured I was ready for the actual test.

STOP when you get tired. It doesn't matter if it's 5 minutes or an hour. You will gradually copy more for longer periods.

Become a Fox. You will never find a more generous, helpful and encouraging group of people than the hounds. I don't know that the hunts made me faster (I suspect they did) but they sure helped me gain confidence and improved my concentration. I came out of each session as Fox so wide-eyed my wife laughed out loud. But I also came out a better operator.

Keep up your interest in CW and radio in general. This is where QRP helps me. I am constantly amazed at how a few watts of power to a marginal dipole lets me communicate across thousands of miles. Understanding (sort of) how it works doesn't diminish the wonder. Whether it's CW, satellites, 2 meter simplex or an SSB conversation to Europe, keep your interest going.

Practise with friends. I had regular sessions with a couple of buddies from our local club. We found it useful to practise above 28.300 on 10 meters so we could go to voice to check the copy.

What do I do now? More of the same, with a twist or two. Despite passing the test I am only marginally comfortable at 13 wpm. So the on-air copying will continue and the MFJ Code Tutor will stay nearby. The Tutor is a little repetitious but it is programmable and convenient for odd moments. The scheduled practise sessions aren't needed anymore but that leaves more time for QSOs. I've found code in the General portions of the bands to go from easy copy to faster than I will ever achieve. Lots of challenge and opportunity there. Also, I'm going to start (only start) learning to copy in my head. 20 wpm is the limit of what I can write down, word for word. To be comfortable with code at 20 wpm and faster I've got to get away from paper copy for each word. Decent head copy is a very long term goal, but probably necessary. Also, I hope to be a Fox again next year and will certainly be a Hound.

Finally, and most important, I've come to regard code and copy practise as FUN. It's not a chore to get done but a means to ever more enjoyment in the hobby. Arriving at that attitude has made all the difference.

Sorry for the ramblings but I hope this helps and encourages others.

72, Jeff KF4JSV/AG QRP-L # 743 FISTS # 5497
Manassas, VA

Date: Wed, 3 Mar 1999 15:23:12 -0500
From: "Mark Paley" <mpaley@wcnet.org>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [34703] first QSO
Message-ID: <001901be65b3\$aae77740\$21ab85cd@mpaley>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is a first qso with a just completed and tested rig. I just finished building a Wilderness NorCal 40A and had completed the alignment. The only gear I had to align it with was another xcvr. So not really having an idea of how many watts (or milliwatts) it was putting out I thought I'd put out a call. Lo and behold a rather strong signal comes back to me and gives me a 589. What was funny was that I kept having him repeat his call which was KB8DIW. Now he was a strong 599-- the problem was that a good friend (also an avid QRP'er) has the call of KB8IDW--so I was thrown off for a minute or two.

At any rate it is a great feeling to get a good signal report with the first call you put out with a brand new rig, even if it is only about 150 or so miles down the road. At least all of my soldering efforts were not in vain. By the way, no doubt most of you know that the NorCal 40A is a bodacious little radio. And when you hook it up with a KC1 keyer/frequency counter--what an awesome combination!!

Mark Paley--KF8KL--
mpaley@wcnet.org
ARS #505
QRP-L #1899

Date: Wed, 03 Mar 1999 20:29:20 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [34704] WSN-40 Net
Message-ID: <36DD9BA0.C9B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Highest Gangue, (Sorry Joel :)
This coming Saturday is the First Saturday of the month,
so it is once again my turn at the QRP WSN-40 Net Control
duties.

I will be operating /P with 4 Watts from my OHR-100, my
2.1 AH battery, Vibroplex bug (1967) and some kind of

wire contraption connected to the balance output of my antenna tuner. I'm sure it will work close in for net duties and has been successful before.

My new QTH has tight quarters for the time being and will have to work the "Stealth Antenna" ideas this Saturday. It is a Mobile Home park about 6 mile from work. The computer is in storage so am off-line with qrp-l for now but can post once in awhile during lunch break.

I miss you all and will soon be back in the saddle, count on it. And there is always those trips to the park with my briefcase full of qrp gear! I tried it all out in the garage of the old QTH last Sunday morning and had a great time explaining that my table was a small empty and shaky box with my briefcase full of gear on top, and my vibroplex bug atop of that! Cool!

Ain't nothing gonna keep this motivated ham from operating!

=====
NET INFO:
=====

So if you have a chance, load up a coathanger and work the net any Saturday, always 7040 KHz, always 9:00 AM Pacific time, and ALWAYS great fun with your friends.

NCS NEVER runs more than 5 Watts. This is the last official sanctioned QRP ARCI net that I know of.

OH, for the UTC inclined, the net starts at 1700Z during Standard time, and 1600Z during Daylight Savings time periods. So now you know.

We begin with station call-up and have station standby. We generate the list-order for comments and stations hand it down the line and back to NCS at the end. Late checkin calls are made, then a call for additional comments. New checkins give Name/QTH/POWER; and the typical "formula" check-in share WX info, QRP activities or just says good morning to all, nice to visit. Then passes to the next call on the list. Quite laid back. Also RST reports of course.

Hope to hear some new calls on the Net.

72/Ed Loranger/WE6W/6 in Santa Rosa, CA.

--

-Ed AR QRP Millennium QSO's=495/2000

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 3 Mar 1999 14:56:32 cst
From: "William H. Hays" <wj50@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [34705] tube ID
Message-ID: <19990303.145634.-81299.2.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
Need some help again -- where do I go? To the list with the experience.

I dug out a couple of 8298A tubes from under the bench -- I don't remember
Where or Why I have 'em. They look similar to 6146 tubes.
Hopefully someone can "jog" my memory enough to know which direction to take.

True, they are probably not QRP related.
72/73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 3 Mar 1999 13:58:17 -0700
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [34706] HF Radio in the Third Millennium -- Don't read if you get upset easily!
Message-ID: <00de01be65b8\$a4d409e0\$cd37b3cf@bfollett>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

This story from AMSAT is long and depressing, but you probably should know what is the latest scoop on threats to our HF bands....

> The Death of HF Radio Operation?

>

>

Opinion Column

>

>

Ed Mitchell, KF7VY, vbook@vbook.com

>

> Amateur Radio has long dealt with challenges to HF operation

> including restrictions on antennas and poorly

> built consumer electronics that are highly susceptible to

nearby

> radio signals.

>

> A new, and very challenging threat has emerged in the form of

> home computer networks - in particular both

> home computer and home entertainment distribution systems that

> use unshielded, "twisted pair" copper wiring

> or AC line wiring inside homes to transmit high speed data

> signals. Incredibly, these systems rely on signals

> in the 2 Mhz to 30 MHz range[1] running over unshielded wiring.

> These systems generate broadband

> radio frequency interference and are highly susceptible to

> interference from legitimate HF radio

> transmissions. In just 2 to 3 years, the odds are that every

> other house in your neighborhood may be using

> one of these HF-based network technologies.

>

> Hams have long dealt with interference to and from consumer

> devices - but in the past, the problem was

> typically due to fundamental signal overload problems and the

> inability of consumer electronics to tolerate

> nearby radio signals of any type. A variety of techniques have

> been developed to address traditional

> interference problems ranging from the use of high pass

filters,

> RFI chokes and ferrite beads, shielded cabling

> and a variety of other simple solutions.

>

> The computer network interference problem cannot be solved

through

> the installation of a simple filters. In

> fact, it may not be solvable at all since these devices are

> operating directly within the HF radio spectrum and

> are using unshielded wiring for their links.

>

>

> The Demand for HomeNetworks

>

> There is genuine demand for home computer network solutions.
> According to an article in Cnet News [2], an
> estimated 54% of U.S. homes will have multiple computers as of
> the year 2001. Because most homes are
> not configured for network cabling, the networking industry has
> adopted a mantra of "No New Wires" to
> emphasize solutions that use existing household AC wiring,
> telephone wiring, or Part 15 unlicensed wireless
> data systems.

> Telephone Wiring-based Home Networks

> A leading home network technology uses existing home telephone
> wiring to do double duty with both voice
> and data signals. Voice signals occupy the spectrum lower than

4
> khz. ISDN and xDSL services occupy
> spectrum (typically) between 25 khz and 1.1 Mhz. In order for
> home phone networking to co-exist with
> existing functions, home phone networking occupies frequencies
> above 2 Mhz. One product that is available
> now is called HomeRun, from Tut Systems. This product provides
> a
> 1 Mbps data rate by modulating a data
> signal between 5.5 MHz and 9.5 MHz with a carrier frequency at
> about 7.5 Mhz. This spans the popular 7
> Mhz Amateur Radio allocation. Tests that I conducted last year
> demonstrated that low power 7 MHz RF
> signals causes massive packet loss in the data network. Tests
> showed some susceptibility to other sources of
> RF over a broad frequency range; however, the only severe
source
> was transmission on 7 Mhz. This
> technology also generates weak, broadband noise across the
> spectrum, consistent with a device operating as
> a Part 15 unintentional emitter.

> HomeRun is a first generation product. The technology is
evolving
> rapidly to deliver much higher data rates -
> 10 Mbps later in 1999, and still faster later on. In
> mid-February, a 10 Mbps standard was formerly
> proposed to the Home Phone Networking Alliance. To provide
higher
> speeds, the technology will
> expand its spectrum usage to the entire bandwidth of 2 to 30
Mhz.

> Because this technology is
> operating over unshielded copper wiring, and based on my tests
> conducted in 1998, it appears likely
> that Amateur transmissions will greatly interfere with home
phone
> networking, possibly over a very
> wide area due to susceptibility to signals on the same
> frequencies.
>
> Worse, home phone networking will not be confined to computer
> data applications, which due to their
> packet and error correcting protocols, can accommodate
> intermittent interference. The long term direction of
> home phone networking is the routing of home digital video
> signals, digital audio and other entertainment
> signals. Data loss in these streaming data applications will be
> extremely apparent to the user of the network.
> Examples include routing a digital TV, digital satellite, or
DVD
> signal to one or more displays located in a
> home. Data rates will be pushed ever higher in order to
> accommodate future High Definition TV signals
> (which require about 19 Mbps data rates).
>
> Several companies are working together on home phone networking
> technology. Tut Systems received
> financing from many sources including AT&T and Microsoft.
Compaq,
> Intel, and Diamond Multimedia have
> licensed the technology. Another company, Epigram, expects to
> ship 10 Mbps technology chipsets in the first
> quarter of 1999.
>
>
> AC Power Line Networking
>
> Another technology sends signals over AC power wiring inside
the
> residence. One company, Phonex, sells a
> telephone extension system that can be used to locate a wired
> phone, modem, or cable TV/satellite TV "set
> top box" phone connection - to any location inside the home.
> Current products modulate the signal on 3.520
> Mhz using a FM subcarrier. TCI cable company distributed many
of
> these products to users of their
> set-top-boxes and digital cable converters. The DISH Network
> satellite network also sells these units at their

> web site. The ARRL recently brokered a deal with TCI such that
> TCI has agreed to replace the 3.52 MHz
> units with new units that operate at a different radio
frequency,
> to eliminate interference potential between
> Amateur operations in the 3.5 to 4.0 Mhz band. Still, several
> million of these units are in operation today and
> are not covered by the TCI replacement program.
>
> I recently tested a Phonex 3.520 Mhz unit and was surprised at
> the level of RF noise it leaks, especially
> considering that this is a "wired product" not a wireless
> product. Worse, its basically broadcasting the users
> wired telephone conversations on HF! The signal not only emits
> from the wiring of the house where it is used,
> but it also leaks back into the AC utility grid. Using a
handheld
> shortwave receiver, I picked up S9 signals
> when near the power line, a block away from the home unit. I
did
> not pursue the signal any further than that
> but it seemed likely that the power line would still be
radiating
> the signal at two blocks from the home.
>
> Not only does the Phonex product leak outwards, but also it is
> susceptible to Amateur transmissions in the
> 3.5 Mhz band.
>
> Phonex is an example of a class of products that use electrical
> power lines for signals. Other products are
> coming to market that deliver data over household wiring in a
> similar fashion. One product from Intellon,
> operates at 1 Mbps and they (and other manufacturers) claim
they
> will eventually achieve 10 Mbps
> performance. Present systems modulate their signals well below
> any Amateur HF bands; however, it is
> unknown where their 10+ Mbps products will operate. It is
likely
> that these will generate signals well into the
> HF spectrum. At this point, it is unknown if power line
> technology will become a success. The power line
> networking industry is fragmented and has not yet formed an
> industry trade group, as was done by the home
> phone networking companies. Never the less, Intellon has
licensed
> its power line technology to Microsoft

> Corporation for use in future products.
>
>
> HF Spectrum Filling with Digital Noise Makers
>
> As described in Part 1 and Part 2 of "The Great Broadband
> Internet Hoax" series, two-way cable modems
> are using the 5 to 40 Mhz bandwidth for upstream cable modem
> signaling. How bad will this leakage be? I
> just finished a several mile walk around my neighborhood and
> found television carrier leakage from the cable
> system; fortunately, none of it was within the Amateur radio
> bands. With two-way cable uplinks in the HF
> band we are likely to have leakage on top of existing Amateur
HF
> allocations.
>
> A problem that may further compound this situation is that home
> phone networking and cable modems are
> being routed through existing, internal home wiring systems,
the
> quality of which is often quite poor (in other
> words, the "twisted pair" may not even be twisted). When my
> mother-in-law had a cable modem service
> installed, the cable company had to replace all of the internal
> wiring to get the system to work properly.
>
> The 2 to 30 Mhz spectrum is rapidly filling with digital
> noisemakers. Not only do these systems emit RF noise
> but they are very susceptible to interference from clean and
> legal Amateur radio transmissions. There is no
> simple filtering arrangement to eliminate the interference to
> Amateur radio or from Amateur radio to home
> networks.
>
> Home network products promise significant challenges to future
> Amateur HF operation in residential areas.
> With estimates that 54% of homes will have multiple PCs by
2001,
> and that networking such systems is a
> high priority, it is a guarantee that Amateur radio operators
> will be in close proximity to these noisemakers
> and HF operation will become a significant source of
interference
> to home networks. Specifically, for the
> 75% of the U.S. population that lives in urban areas, nearly
all
> in-home phone network users will be in range

> of Amateur HF transmitters capable of causing interference.
Major

> companies are backing these phone and
> AC line technologies: AT&T, Intel, Microsoft, Compaq, TCI and
> many others. Therefore, it is likely that
> these products will become widely available and used by
millions
> of home computer owners.
>
>
> Where Does This Leave Amateur Radio?
>
> Legally, Amateur radio operators have Federal communications
law
> on their side. Home networking
> equipment operates under Part 15 rules and must put up with any
> interference it receives from licensed radio
> services. Realistically, while the law is on the side of
Amateur
> radio, home network and Internet users vastly
> outnumber Amateur radio operators. The politics of the
situation
> do not favor Amateur radio operation on
> the HF bands, as we know it today.
>
> Oddly, the ARRL continues to promote an incentive licensing
> scheme that puts all of the incentives in the HF
> bands (4 out of 5 the existing license classes are
HF-centric).
> The ARRL is currently conducting technical
> tests near 5 MHz for the purpose of potentially requesting
> additional HF radio spectrum for Amateur Radio,
> and in the recent license restructuring proposals, the ARRL
> strongly supported retention of telegraphy
> proficiency (historically used most extensively at HF)
> requirement in the Amateur service. While these are
> admirable goals, the reality of the world we live in today is
> that HF operation is rapidly becoming impossible
> for most Americans in a world filled with antenna prohibitions
on
> all new housing and where homes will
> soon be filled with home networks operating in the 2-30 MHz HF
> spectrum. Literally, Amateur Radio is
> potentially off limits to most Americans. Is it any wonder our
> numbers are decreasing?
>
> Our Amateur Radio "product" is significantly out of step with
the

> real world, which may explain why the
> ARRL recently reported the loss of 14,000 members, and the
> overall U.S. Amateur population declined in
> 1998 by 1,090 individuals. Worse, with nearly 1 in 3 Amateurs
> over the age of 65[3], and very few
> Amateurs under the age of 40, these numbers may indicate that
the
> Amateur Radio service is literally dying.
> A few years back, slow Amateur radio service growth was based
on
> poor HF radio propagation due to the
> bottom of solar sunspot cycle. With the sunspots now doing
their
> thing, that theory is largely moot.
>
> In my humble opinion, a hobby radio service that is declining
in
> numbers may be in an extremely difficult
> position to defend its HF operations in the presence of vastly
> more home computer and digital entertainment
> consumers. There is a fair amount of evidence that our Amateur
> radio "product" needs a wholesale rethinking
> and a major new vision for the 21st century. I have suggested
> ideas for new directions in past Opinion
> columns, and I won't repeat them here. The bottom line is that
> the ARRL[4] needs to exert a strong vision of
> a "new" Amateur Radio service for the 21st century, consistent
> with the new world that we live in. What can
> you do? You need to communicate your thoughts on these issues
> directly to your ARRL Director.
>
> [1] "The Home Phonline Networking Alliance", white paper,
> <http://www.homepna.org>
>
> [2] "Tut Systems soars after IPO",
> <http://www.news.com/News/Item/0,4,31584,00.html>
>
> [3] February 1997 QST reviewed a survey of ARRL members. This
> data point is from that survey and may
> not be indicative of the overall Amateur population.
>
> [4] In both written (see <http://www.nocode.org>) and verbal
> comments made to amateurs, the FCC has
> stated clearly that it primarily accepts input on Amateur radio
> matters from the ARRL or the QCWA and
> generally does not act on specific proposal from other
entities.

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.

Don't respond to me, I don't want to debate the logic of the author myself.

73, Bob

Bob Follett AB7ST
2861 Estates Drive (435) 649 6457
Park City, UT 84060

Date: Wed, 03 Mar 1999 14:22:01 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [34707] [Fwd: HF Radio in the Third Millennium -- Don't read if you get upset easily!]
Message-ID: <36DDA7F9.CD65695C@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee Folks,

Do I detect a technical challenge?!!!!!!

72 -john - n0hj

jaevans@codenet.net

Date: Wed, 03 Mar 1999 21:27:57 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [34708] Mobile home "INVISIBLE" antenna?
Message-ID: <36DDA95D.2569@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok great friends, Here's the plan.

Center-Fed half-wave of 32 AWG wire for 40 meters from

my balanced output of my tuner. Approximately 4 inches from the outside eaves of the metal trailer roof.

If discovered, it is a strain gauge measurement system to signal that the leaves and debris on the roof needs to be cleaned up.

Yeah, that's it. Measured by this RF signal bridge at low power.

Uh, huh.

--

-Ed AR QRP Millennium QSO's=495/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 03 Mar 1999 16:30:14 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Subject: [34709] something to read rcvr freq
Message-ID: <3.0.5.32.19990303163014.007b8e20@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

is there a device that will read the freq an rcvr is on via cw? I have a Kenwood R1000 and would like to know where I am on the dial. I thought there was such an animal, but can't recall the info.

Any ideas?

tnx es 72/73 de Scott/n3byy
Fists #5030

Date: Wed, 03 Mar 1999 16:36:56 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34710] Re: Fox: Poor conditions
Message-ID: <36DDAB78.471AC5FD@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:

> But last night they all bunched together to make the worse conditions of
> the fox season.
>

That correctly says it

.

Tom, N1TP, Naples, FL.

Date: Wed, 03 Mar 1999 16:38:22 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34711] Re: Fox: Poor conditions
Message-ID: <36DDABCE.EA3C3464@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:

> But last night they all bunched together to make the worse conditions of
> the fox season.

That sums it up; My sentiments exactly.

.

Tom, N1TP, Naples, FL.

Date: Wed, 03 Mar 1999 16:38:42 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34712] Re: Fox: Poor conditions
Message-ID: <36DDABE1.721A9F83@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:

> But last night ... the worse conditions of the fox season.

That sums it up; My sentiments exactly.

.

Tom, N1TP, Naples, FL.

Date: Wed, 03 Mar 1999 16:39:26 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34713] Re: Mobile home "INVISIBLE" antenna?
Message-ID: <36DDAC0E.7C8D9E0C@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed:

Somewhere in a book or a magazine I saw two identical
Dodges(the car), attached to coax and being used as a
dipole. At the time I dismissed this as a cute stunt but,
having been on qrp-l for a couple of years now, I know there
is a basic truth hidden in there somewhere.

So how far are you from your neighbour?

72
David,n2zhy

Ed Loranger wrote:

> Center-Fed half-wave of 32 AWG wire for 40 meters from
> my balanced output of my tuner. Approximately 4 inches from
> the outside eaves of the metal trailer roof.

Date: Wed, 3 Mar 1999 16:43:48 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34714] Re: something to read rcvr freq
Message-ID: <003101be65be\$ecacece0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>is there a device that will read the freq an rcvr is on via cw? I have
>a
>Kenwood R1000 and would like to know where I am on the dial. I thought
>there was such an animal, but can't recall the info.
>Any ideas?
>
>tnx es 72/73 de Scott/n3byy
>Fists #5030

I haven't seen this exactly, but I've seen a small adapter that plugged
into
the 'control' port of a radio that had voice output. (And some radios
used
to offer that as a option. My old Icom had that listed in the manual.)

I suppose it wouldn't be too hard to do with a PC. Or with a small
microcontroller.

I suppose if anyone developed and/or marketed this as an aid to blind
hams, it would be worthwhile to put a CW option in it.

Mike Yetsko
N1DVJ

Date: Wed, 3 Mar 1999 16:52:11 -0500
From: Ronald McConnell <rcmcc@lucent.com>
To: "'ALWARC-K3ME'" <k3me@aloft.micro.lucent.com>, "'HOARC-K2EM/K2DR'"
<hoarc@hornet.hr.lucent.com>, "'QRP-L'" <qrp-l@lehigh.edu>
Subject: [34715] Solar Power web sites: Battery charging
Message-ID: <01BE6596.30AA00A0@daystar.amc.bell-labs.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

While I'm at this solar panel/battery charging thing,
the best site I've found so far on
the care and feeding of lead acid batteries is
the Hawker Energy web page

www.hepi.com

which has a couple of good, thick application notes
on charging lead acid batteries. Hawker bought
Gates Batteries and the Cyclon brand name
a few years ago. That resulted in piles
of Gates batteries hitting the hamfests.
I bought a box of the 2 Vdc, 2.5AH Cyclon cells.
They died because I didn't know how to
take care of them. :(:(Leaving them
in the box for a few years while I was busy
coaching and playing soccer is the WRONG answer.

There was a whole Bell Labs Technical Journal (BSTJ)
issue devoted to lead acid batteries about 25 years
ago. I don't think lead acid batteries have changed
all that much since then. My seems
to have "walked" away.

73,

Ron McConnell, w2iol

Date: Wed, 03 Mar 1999 16:58:44 -0500
From: David Fouchey <dafouche@jax-inter.net>
To: we6w@qsl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34716] Re: Mobile home "INVISIBLE" antenna?
Message-ID: <3.0.1.32.19990303165844.007a6490@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thats his story and he's sticking to it...

Don't you have problems coupling to the metal flashing?

Dave

At 09:27 PM 3/3/99 +0000, Ed Loranger wrote:

>Ok great friends, Here's the plan.

>

>Center-Fed half-wave of 32 AWG wire for 40 meters from
>my balanced output of my tuner. Approximately 4 inches from
>the outside eaves of the metal trailer roof.

>

>If discovered, it is a strain gauge measurment system to signal
>that the leaves and debris on the roof needs to be cleaned up.

>

>Yeah, that's it. Measured by this RF signal bridge at low
>power.

>

>Uh, huh.

>--

>-Ed AR QRP Millennium QSO's=495/2000

>72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

>QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

>

>

Date: Wed, 3 Mar 1999 16:59:43 -0500 (EST)

From: Chris Cartwright <ccart@dns.vidtel.com>

To: "David Hurley, n2zhy" <n2zhy@amsat.org>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [34717] Re: Mobile home "INVISIBLE" antenna?

Message-ID: <Pine.LNX.3.93.990303165610.1167C-1000000@dns.vidtel.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Mar 1999, David Hurley, n2zhy wrote:

> Somewhere in a book or a magazine I saw two identical

> Dodges(the car), attached to coax and being used as a

I'm pretty sure this was done by a 3-land local (to me anyway) KZ3F, he also makes a 'double watermellon dipole' for 2M and works the repeaters. Pretty sure he's loaded up even wierder stuff too. Have to look at the back QST's, about '96 I think...

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 3 Mar 1999 16:03:08 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: "David Hurley, n2zhy" <n2zhy@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34718] Re: Mobile home "INVISIBLE" antenna?
Message-ID: <Pine.OSF.4.05.9903031602490.30115-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Mar 1999, David Hurley, n2zhy wrote:

> Ed:
>
> Somewhere in a book or a magazine I saw two identical

It was in QST

> Dodges(the car), attached to coax and being used as a
> dipole. At the time I dismissed this as a cute stunt but,
> having been on qrp-l for a couple of years now, I know there
> is a basic truth hidden in there somewhere.
>
> So how far are you from your neighbour?
>
> 72
> David,n2zhy
>
>
> Ed Loranger wrote:
>
> > Center-Fed half-wave of 32 AWG wire for 40 meters from
> > my balanced output of my tuner. Approximately 4 inches from
> > the outside eaves of the metal trailer roof.
>

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
+-----+
| DO NOT ADD ME TO ANY MAILING All wiyht. Rho |
| LISTS WITHOUT MY CONSENT !!! sritched mg kegtops |
| | awound? |
+-----+

Date: Wed, 03 Mar 1999 17:02:47 -0500
From: David Fouchey <dafouche@jax-inter.net>
To: whowell@hq.nasa.gov, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34719] Re: something to read rcvr freq
Message-ID: <3.0.1.32.19990303170247.007a8330@jax-inter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep here's a link

<http://www.fix.net/~jparker/wilderness/kc1.htm>

Dave F. WA4EMR/8

At 04:30 PM 3/3/99 -0500, Scott Howell wrote:
>is there a device that will read the freq an rcvr is on via cw? I have a
>Kenwood R1000 and would like to know where I am on the dial. I thought
>there was such an animal, but can't recall the info.
>Any ideas?
>
>tnx es 72/73 de Scott/n3byy
>Fists #5030
>
>

Date: Wed, 3 Mar 1999 17:07:02 EST
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [34720] Re: Pssst... Hey buddy, wanna QRP rig?
Message-ID: <dc34e227.36ddb286@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

If we could have talked longer, I was willing to show you the Tixie I had stuffed in my wallet! The paddles hurt when you're driving though.

Howard K2UD

Date: Wed, 03 Mar 99 16:55:25 PST
From: "E. Andrews" <earlve3ab@igs.net>
To: qrp-1@lehigh.edu
Subject: [34721] My first QSO (cw)..40 mtrs w/WA5QVP
Message-ID: <MAPI.Id.0016.0061726c766533613030303930303039@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I can sure remember my 1st QSO. It was with WA5QVP in Austin Texas on 40 meter CW.
I got an interesting QSL card from him. I was using an old Collins 32 V2 an 40 mtr inverted vee and a heath hr10b. That was back in Oct 1972. I also remember the fellow VE3DHB who sold me the transmitter. He paid a visit to my shack and gave me pointers etc before I received my license. I still remember I had an 18AVQ vertical mounted on a pipe close to my house and VE3DHB took the ends of the coax of both antennas (the connectors werent on them only pigtails) and he somehow hooked them up in phase quickly and I remember the signals seeming to jump up. Never got around to trying phased antennas though!!! Later I began working low power stations and I was amazed at how such low power signals could be copied Q5. I guess it was then that the QRP interest started for me. I remember trying to work Ade Weiss K8EEG at the time on 80 mtr cw during a QRP contest. He was sending deliberately slow and was Q5 with my audio filter on 80 hz setting which helped knock down the static on 80. I was using an Argonaut 505.73 Earl VE3AB

Date: Wed, 03 Mar 1999 22:55:22 +0000
From: Ed Loranger <we6w@qsl.net>
To: David Fouche <dafouche@jax-inter.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34722] Re: Mobile home "INVISIBLE" antenna?

Message-ID: <36DDBDDA.5CB3@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David Fouchey wrote:

>
> Thats his story and he's sticking to it...
>
> Don't you have problems coupling to the metal flashing?
>
> Dave

I'm not afraid to find out! Har! That's half the fun.

Put away the math books and work someone, that's my motto.

I kid you not, once I had a ham neighbor friend tell me during a QSO that he heard my GDO (Grid Dip Oscillator) during the day I was tuning up a new antenna with the homebrew RF Bridge GDO combo!

I'll work someone and let you know how it does. Particular attention paid to 'RST' sent received.

Going for it.

-Ed WE6W/6
-Ed AR QRP Millennium QSO's=495/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 03 Mar 1999 18:33:23 -0500
From: S LYON <sslyon@worldnet.att.net>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34723] Re: Mobile home "INVISIBLE" antenna?
Message-ID: <36DDC6C3.A835E448@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I once helped a chap get on the air from a trailer and it was an amazing revelation, performance-wise. We doped out the dimensions, selected and hung various half-squares from two support poles kept in place on the

roof by manhole covers. The roof was marked with the location of ants from 30m to 10m, and eventually he found that the spacing from the sides was critical, so he marked the poles accordingly. On the lower bands the ends had to be folded inward to keep off the ground. No problem... worked like a champ in NY State -still works great in MD. He even has the wire decorated with fake plastic Ivy.

72

-s-

Ed Loranger wrote:

>

> Ok great friends, Here's the plan.

>

> Center-Fed half-wave of 32 AWG wire for 40 meters from

> my balanced output of my tuner. Approximately 4 inches from

> the outside eaves of the metal trailer roof.

>

> If discovered, it is a strain gauge measurment system to signal

> that the leaves and debris on the roof needs to be cleaned up.

>

> Yeah, that's it. Measured by this RF signal bridge at low

> power.

>

> Uh, huh.

> --

> -Ed AR QRP Millennium QSO's=495/2000

> 72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

> QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Date: Wed, 3 Mar 1999 17:47:02 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [34724] FOX: Team scores (fwd)

Message-ID: <Pine.LNX.3.95.990303173906.15196A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

...KB9BVN.....hunt #33....

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 24.650 - hounds->K5ZTY,W5SB,KQ5U
...the Texas Tarantulas - 20.500 - hounds -> AB5WX,K5LN,N5TW
...the Vibro-Fox Finders - 20.400 - nothing here.
...the Underdogs - 20.241 - hungry hounds.
...the Fox Nabbers - 17.729 - hound -> K0EVZ
...the Brass Pounders - 16.500 - hound -> AK7Y
...the Northern Lights - 14.064 - no bites tonight.
...the Kentucky Porch Houndz - 9.500 - no luck.
...the Swords - 8.325 - gosh, darn, gee whiz.
...the Team Apathy - 7.327 - nope, nothin'
...the Jersey Diddles - 3.157 - hungry hounds.

Date: Wed, 3 Mar 1999 18:45:56 -0800
From: "William Penhallegon" <w4stx@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34725] FS Norcal K8FF Paddle
Message-ID: <000101be65e9\$26a6bf00\$cea50a3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an unassembled Norcal K8FF Paddle with blue (San Luis Machine Co.)
base for sale. \$45 includes shipping in US.
Bill W4STX

End of QRP-L Digest 1384

